



Certificate of Approval

Authorizing a Service Supplier engaged in maintenance, thorough examination, operational testing, overhaul and repair of lifeboats and rescue boats, launching appliances and release gear

No. ITB0/HKD/20230606092316

Issued within the scope of the Bureau Veritas Marine & Offshore General Conditions
Délivrée dans le cadre des Conditions Générales de la Marine & Offshore du Bureau Veritas

Company:

POYRAZ GEMI DONATIM DENETIM VE SERVIS HIZ. TIC. LTD. STI.

Company address*:

EVLIYA CELEBI MAHALLESİ
GEMI YAN SANAYİ SİTESİ
A/BLOK NO:15
TUZLA İSTANBUL
Türkiye

Scope of the approval:

Maintenance, thorough examination, operational testing, overhaul and repair of lifeboats and rescue boats, launching appliances and release gear as per the list included in the attached Schedule of Approval

This is to certify that:

The undersigned Surveyor of the Society, acting within the Bureau Veritas Marine & Offshore General Conditions, has performed, at the Company's request, an assessment of the facilities, organisational structure and procedures of the said Service Supplier, in compliance with the relevant requirements of the Society Rule Note NR 533 and of IMO Resolution MSC.402(96).

The facilities, organisational structure and procedures were found satisfactory for the servicing of the equipment described in the attached Schedule of Approval.

The Certificate is valid until**: 15 January 2026

Completion date of the assessment on which this certificate based: 03 May 2023

At: İSTANBUL on 03 May 2023

Bureau Veritas Surveyor's signature :

**BUREAU VERITAS
MARINE & OFFSHORE**

H. KARADENİZ

[Signature]
By Order of the Secretary

* Refer to the appendix for the list of subsidiaries covered by this certificate

** Not later than 3 years after the date of evaluation

The latest published Rules of the Bureau Veritas Marine & Offshore Division and the General Conditions therein are applicable.

La dernière édition des Règlements de la Division Marine & Offshore du Bureau Veritas ainsi que les conditions Générales qui y figurent sont applicables

Any person not a party to the contract pursuant to which this certificate is delivered may not assert a claim against Bureau Veritas for any liability arising out of errors or omissions which may be contained in said certificate, or for errors of judgement, fault or negligence committed by personnel of the Society or of its Agents in the establishment or issuance of this certificate, and in connection with any activities for which it may provide.

Toute personne qui n'est pas partie au contrat aux termes duquel ce document est délivré ne pourra engager la responsabilité du Bureau Veritas pour les inexactitudes ou omissions qui pourraient y être relevées ainsi que pour les erreurs de jugement, fautes ou négligences commises par le personnel de la Société ou par ses agents dans l'établissement de ce document et dans l'exécution des interventions qu'il comporte.

SCHEDULE OF THE APPROVAL**1-List of equipment : Makes and Types/Models**

Equipment	Make	Type/Model	Manufacturer's Licence/Recognition N° (if applicable)
Rescue boat	Zhenjiang Just Marine Equipment Co.	ZJM40R, ZJM45R	ZJM202004-001
Fast rescue boat	Zhenjiang Just Marine Equipment Co.	ZJM618	ZJM202004-001
Lifeboat	Zhenjiang Just Marine Equipment Co.	ZJM50C, ZJM50F, ZJM57C, ZJM57F, ZJM65C, ZJM65F, ZJM75C, ZJM75F	ZJM202004-001
Free fall lifeboat	Zhenjiang Just Marine Equipment Co.	ZJM59FC, ZJM59FF, ZJM66FC, ZJM66FF	ZJM202004-001
Davit	Zhenjiang Just Marine Equipment Co.	A21, SA23, SA30, FR21, FR30, L40, L57, L67, L90, PA65, PA85, FH70, FH90	ZJM202004-001
Rescue Boats	Balden Denizcilik San. ve Tic	BD-R01, BD-R02	BD_PYR_01 & BD-PYR-02
Totally Enclosed Lifeboats	Balden Denizcilik San. ve Tic	BD-LBC1, BD-LBC2, BD- LBT1, BD-LBT2	BD_PYR_01 & BD-PYR-02
Freefall Lifeboats	Balden Denizcilik San. ve Tic	BD-FFC1, BD-FFC2, BD- FFT1, BD-FFT2, BD- FFC505, BD-FFT505	BD PYR 01 & BD-PYR-02
On Load Release Systems	Balden Denizcilik San. ve Tic	BD-LBHR5, BD-LBHR10, BD-LBHR12	BD_PYR_01 & BD-PYR-02
Release Hooks	Balden Denizcilik San. ve Tic	BD-HR1, BD-HR38	BD_PYR_01 & BD-PYR-02
Totally enclosed lifeboat	ONL DENIZCILIK San. ve Tic	ON-LBT1 / ON-LBT2	ONL-022/016
Freefall lifeboat	ONL DENIZCILIK San. ve Tic	ON-FFT21 / FFC21	ONL-022/016
Service boat	ONL DENIZCILIK San. ve Tic	ON-HB01	ONL-022/016
Rescue boat	ONL DENIZCILIK San. ve Tic	ON-RRB6	ONL-022/016
On-load release gear	ONL DENIZCILIK San. ve Tic	ON-RH38 / ON-RH1	ONL-022/016
Free Fall Davit	DENIZSAN GEMI MAK. SAN.	DSFFD50	DS-POYRAZ-02
Rescue Boat Davit	DENIZSAN GEMI MAK. SAN.	DSRBD21, DSRBHC21	DS-POYRAZ-02
Fast Rescue Boat Davit	DENIZSAN GEMI MAK. SAN.	DSFRB21	DS-POYRAZ-02
Pivoting Lifeboat Davit	DENIZSAN GEMI MAK. SAN.	DSFV3,5, DSFV7	DS-POYRAZ-02
Rescue Boat Crane	GUNES DINAMIK TEKNOLOJI	ALL	GM202009-001
Single arm Slewing	ABAS	KDE-series, MDE-series	ISO / PAS 23678 (* See Note)
Free fall secondary hydraulic A Frame	ACEBI	TPF-series	ISO / PAS 23678 (* See Note)
Gravity single and twin fall outrigger	ACEBI	A-series, AF-series, PF- series	ISO / PAS 23678 (* See Note)
Single arm Slewing	ACEBI	PFR-series, RRP-series, TPU-series	ISO / PAS 23678 (* See Note)

Single Fall Rescue / Fast Rescue Boat A Frame Hydraulic	ACEBI	TPF-series, TPU-series	ISO / PAS 23678 (* See Note)
Twin Fall Gravity Pivoting / Luffing	ACEBI	SPG-series	ISO / PAS 23678 (* See Note)
Twin Fall Gravity Rollertrack	ACEBI	GRA-series	ISO / PAS 23678 (* See Note)
Twin Fall Hydraulic / Pivoting / Luffing Gravity Lowering	ACEBI	TPC-series	ISO / PAS 23678 (* See Note)
Single Drum Gravity lowering electric hoisting lifeboat / rescue boat / static brake pad, cone, disk, band / decent brake centrifugal pads	ACEBI	TBE-series	ISO / PAS 23678 (* See Note)
Single drum Gravity lowering electric hoisting liferaft / rescue boat / static brake pad, cone, disk, eccentric cam / decent brake centrifugal pads	ACEBI	TR-series	ISO / PAS 23678 (* See Note)
Twin Drum, gravity-lowering/ electrically hoisting w/holding static brakes with mechanically operated multiple disks friction pads / decent brake centrifugal w pads	ACEBI	TBE-series	ISO / PAS 23678 (* See Note)
Partially enclosed lifeboat, twin fall	ACEBI	PELB-series	ISO / PAS 23678 (* See Note)
Totally enclosed lifeboat, twin fall, tanker version	ACEBI	PELB-series, TELB-series	ISO / PAS 23678 (* See Note)
Single arm Slewing	ACOIN	R18700-series	ISO / PAS 23678 (* See Note)
Single drum Gravity lowering electric hoisting liferaft / rescue boat / static brake pad, cone, disk, eccentric cam / decent brake centrifugal pads	ACOIN	BE-2-series	ISO / PAS 23678 (* See Note)
Free fall secondary hydraulic A Frame	ACTA	HSC-series	ISO / PAS 23678 (* See Note)
Single arm Slewing	ACTA	DC-series, DR-series, HSC-series, MOBseries	ISO / PAS 23678 (* See Note)
Single Drum Gravity lowering electric hoisting lifeboat / rescue boat / static brake pad, cone, disk, band / decent brake centrifugal pads	ACTA	KNT-series	ISO / PAS 23678 (* See Note)
Gravity single and twin fall outrigger	ALEXANDER RYAN	BH-series	ISO / PAS 23678 (* See Note)
Single drum Gravity lowering electric hoisting liferaft / rescue boat / static brake pad, cone, disk, eccentric cam / decent brake centrifugal pads	ALEXANDER WELIN	AIW-series	ISO / PAS 23678 (* See Note)
Rescue Boat, single fall	AMBAR MARINE	AM420-series	ISO / PAS 23678 (* See Note)
Single arm Slewing	ARIM	AREH-series, ARPV-series	ISO / PAS 23678 (* See Note)

Single Fall Rescue / Fast Rescue Boat A Frame Hydraulic	ARIM	ARPV-series	ISO / PAS 23678 (* See Note)
Twin Fall Gravity Pivoting / Luffing	ARIM	AHA-series	ISO / PAS 23678 (* See Note)
Rescue Boat, single fall	AVON	RB-series, SR-series	ISO / PAS 23678 (* See Note)
Free fall secondary hydraulic A Frame BDF-series	BADA HEAVY IND. CO., LTD (EX. DAERYUCK MACHINERY)	BDF-series, HDFL-series	ISO / PAS 23678 (* See Note)
Gravity freefall primary	BADA HEAVY IND. CO., LTD (EX. DAERYUCK MACHINERY)	BDF-series	ISO / PAS 23678 (* See Note)
Single arm Slewing	BADA HEAVY IND. CO., LTD (EX. DAERYUCK MACHINERY)	BDR-series, BLR-series	ISO / PAS 23678 (* See Note)
Single Fall Rescue / Fast Rescue Boat A Frame Hydraulic	BADA HEAVY IND. CO., LTD (EX. DAERYUCK MACHINERY)	BDA-series, BDFA-series, BFRD-series	ISO / PAS 23678 (* See Note)
Single or Twin Fall Lifeboat Rescue Boat / Fast Rescue Boat Telescopic Hydraulic	BADA HEAVY IND. CO., LTD (EX. DAERYUCK MACHINERY)	BDTD-series, TT-series	ISO / PAS 23678 (* See Note)
Twin Fall Gravity Pivoting / Luffing	BADA HEAVY IND. CO., LTD (EX. DAERYUCK MACHINERY)	BDH-series, BDMS-series, hinged gravityseries	ISO / PAS 23678 (* See Note)
Twin Fall Gravity Rollertrack	BADA HEAVY IND. CO., LTD (EX. DAERYUCK MACHINERY)	BDTW-series	ISO / PAS 23678 (* See Note)
Twin Fall Hydraulic / Pivoting / Luffing Gravity Lowering	BADA HEAVY IND. CO., LTD (EX. DAERYUCK MACHINERY)	BDH-series	ISO / PAS 23678 (* See Note)
Devices For Activating Release: Central Release Unit	BADA HEAVY IND. CO., LTD (EX. DAERYUCK MACHINERY)	BD-LH-series	ISO / PAS 23678 (* See Note)
Devices for activating release: Free Fall Hydraulic Primary and Secondary	BADA HEAVY IND. CO., LTD (EX. DAERYUCK MACHINERY)	BHA-series	ISO / PAS 23678 (* See Note)
Freefall Hydraulic / mechanical	BADA HEAVY IND. CO., LTD (EX. DAERYUCK MACHINERY)	BHA-series	ISO / PAS 23678 (* See Note)
Rescue boat / Davit Launched Lifter / Lift over centre automatic	BADA HEAVY IND. CO., LTD (EX. DAERYUCK MACHINERY)	BHA-series	ISO / PAS 23678 (* See Note)
Rescue boat offload lift over center	BADA HEAVY IND. CO., LTD (EX. DAERYUCK MACHINERY)	BHR-series	ISO / PAS 23678 (* See Note)
Rescue boat offload w. Onload capability	BADA HEAVY IND. CO., LTD (EX. DAERYUCK MACHINERY)	BHR255-series	ISO / PAS 23678 (* See Note)

Single drum Gravity lowering electric hoisting liferaft / rescue boat / static brake pad, cone, disk, eccentric cam / decent brake centrifugal pads	BADA HEAVY IND. CO., LTD (EX. DAERYUCK MACHINERY)	BDF-series, BLW-series, BMW- series, BRW-series	ISO / PAS 23678 (* See Note)
Single Drum, hydraulic-lowering/hydraulic hoisting	BADA HEAVY IND. CO., LTD (EX. DAERYUCK MACHINERY)	HDF-series, PWD-series	ISO / PAS 23678 (* See Note)
Twin Drum, gravity-lowering/electrically hoisting w / static brake cone /disk / pads / band / decent brake centrifugal w pads	BADA HEAVY IND. CO., LTD (EX. DAERYUCK MACHINERY)	BA-series, BM-series, PWD-series, Electric Motor driven-series	ISO / PAS 23678 (* See Note)
Twin Drum, gravity-lowering/electrically hoisting w/holding static brakes with mechanically operated multiple disks friction pads / decent brake centrifugal w pads	BADA HEAVY IND. CO., LTD (EX. DAERYUCK MACHINERY)	BDTW-series, BMW-series, BW-series, BWR-series	ISO / PAS 23678 (* See Note)
Single drum Gravity lowering electric hoisting liferaft / rescue boat / static brake pad, cone, disk, eccentric cam / decent brake centrifugal pads	BADA HEAVY IND. CO., LTD (EX. DAERYUCK MACHINERY)	BLW-series	ISO / PAS 23678 (* See Note)
Lifeboat on load lift not over centre, flat to flat rotating cams	BALDEN	BD-LBH-series	ISO / PAS 23678 (* See Note)
Rescue boat / Davit Launched Liferaft / Lift over centre automatic	BALDEN	BDHR-series, BD-R01, BD-R02	ISO / PAS 23678 (* See Note)
Totally enclosed lifeboat, freefall	BALDEN	BD-FFC-series, BD-FFT-series	ISO / PAS 23678 (* See Note)
Totally enclosed lifeboat, twin fall, dry version	BALDEN	BD-FFC-series, BD-FFT-series	ISO / PAS 23678 (* See Note)
Totally enclosed lifeboat, twin fall, tanker version	BALDEN	BD-FFC-series, BD-FFT-series	ISO / PAS 23678 (* See Note)
Rescue Boats	BALDEN	BD-R01, BD-R02	ISO / PAS 23678 (* See Note)
Devices For Activating Release: Central Release Unit	BC SERVICE	U HOOK-series	ISO / PAS 23678 (* See Note)
Devices For Activating Release: Hydrostatic Unit with Diaphragm	BC SERVICE	U HOOK-series	ISO / PAS 23678 (* See Note)
Lifeboat on load lift not over centre, forward or reverse curve to curve rotating cams	BC SERVICE	U HOOK-series	ISO / PAS 23678 (* See Note)
Rescue boat offload lift over center	BC SERVICE	U HOOK-series	ISO / PAS 23678 (* See Note)
Totally enclosed lifeboat, twin fall, dry version	BEIYANG BOATBUILDING CO.LTD	20 TECB-series	ISO / PAS 23678 (* See Note)
Gravity single and twin fall outrigger	BIANCHI & CHECCHI	PE-series, PET-series	ISO / PAS 23678 (* See Note)

Partially enclosed lifeboat, twin fall	BIANCHI & CHECCIII	PE-series	ISO / PAS 23678 (* See Note)
Single Fall Rescue / Fast Rescue Boat A Frame Hydraulic	BOPP TRUILS JEB	BDH-series	ISO / PAS 23678 (* See Note)
Single Drum, hydraulic-lowering/hydraulic hoisting	BOPP TRUILS JEB	BHP 4200-series	ISO / PAS 23678 (* See Note)
Totally enclosed lifeboat, single fall	BROOKER	CA-series	ISO / PAS 23678 (* See Note)
In board	BUKH	DV 24 RME-series	ISO / PAS 23678 (* See Note)
Rescue Boat, single fall	CASTOLDI S.R.L.	JET TENDER 18 RB-series	ISO / PAS 23678 (* See Note)
Single arm Slewing	COASTAL MARINE EQUIPMENT, INC.	D-series	ISO / PAS 23678 (* See Note)
Rescue boat / Davit Launched Liferaft / Lift over centre automatic	CHANG SHENG	35KN-series	ISO / PAS 23678 (* See Note)
Rescue boat / Davit Launched Liferaft / Lift over centre automatic	CRANSTON EAGLE	APR-356-CB/CBH-series	ISO / PAS 23678 (* See Note)
Freefall Hydraulic / mechanical	DAE JIN CO. LTD	THP-1B-series	ISO / PAS 23678 (* See Note)
Free Fall Secondary Hydraulic A Frame	DAELIM TECHNOL. (HYUNDAI)	FF-740-series	ISO / PAS 23678 (* See Note)
Fast Rescue Boat, single fall	DAFER (NARWHAL)	FRR-series	ISO / PAS 23678 (* See Note)
Rescue Boat, single fall	DAFER (NARWHAL)	FRB 700-series, FRB 900-series, SV-series	ISO / PAS 23678 (* See Note)
Gravity single and twin fall outrigger	DAVIT COMPANY	FFFDA-series	ISO / PAS 23678 (* See Note)
Single arm Slewing	DAVIT COMPANY	SRR-series	ISO / PAS 23678 (* See Note)
Single drum Gravity lowering electric hoisting Liferaft/rescue boat / static brake pad, cone, disk, eccentric cam / decent brake centrifugal pads	DAVIT COMPANY	16 EV-series, SRR-series	ISO / PAS 23678 (* See Note)
Twin Drum, gravity-lowering/electrically hoisting w / static brake cone / disk / pads / band / decent brake centrifugal w pads	DAVIT COMPANY	24EPB-series	ISO / PAS 23678 (* See Note)
Free fall secondary hydraulic A Frame	DAVIT INTERNATIONAL	D-FH-series	ISO / PAS 23678 (* See Note)
Gravity Freefall primary	DAVIT INTERNATIONAL	D-TF-series	ISO / PAS 23678 (* See Note)
Gravity single and twin fall outrigger	DAVIT INTERNATIONAL	D-FO-series, D-FOS-series	ISO / PAS 23678 (* See Note)
Single arm Slewing	DAVIT INTERNATIONAL	D-BR-series, D-CR.R-series, D-CRH.Rseries, D- CRM-series, D-FOS-series, DRC-series, D-RC.T-series, D-SR04-series, D.BC.R- series, D.CRE.R-series	ISO / PAS 23678 (* See Note)
Single Fall Rescue / Fast Rescue Boat A Frame Hydraulic	DAVIT INTERNATIONAL	D-NP.FR-series, D-NPS.MP-series, DNPS.SP-series, D-TT.SP.-series	ISO / PAS 23678 (* See Note)

Single or Twin Fall Lifeboat Rescue Boat / Fast Rescue Boat Telescopic Hydraulic	DAVIT INTERNATIONAL	D-FP.R-series, D-TT-series, DTT.SP-series	ISO / PAS 23678 (* See Note)
Twin Fall Gravity Pivoting / Luffing	DAVIT INTERNATIONAL	D-NP-series, D-NP.MP- series	ISO / PAS 23678 (* See Note)
Twin Fall Gravity Rollertrack	DAVIT INTERNATIONAL	D-RT-series	ISO / PAS 23678 (* See Note)
Twin Fall Hydraulic / Pivoting / Luffing Gravity Lowering	DAVIT INTERNATIONAL	D-NP-series, D-SP-series	ISO / PAS 23678 (* See Note)
Rescue boat offload lift over center	DAVIT INTERNATIONAL	OLH-series	ISO / PAS 23678 (* See Note)
Rescue boat offload w. Onload capability	DAVIT INTERNATIONAL	RH-series	ISO / PAS 23678 (* See Note)
Single drum Gravity lowering electric hoisting lifteraft / rescue boat / static brake pad, cone, disk, eccentric cam / decent brake centrifugal pads	DAVIT INTERNATIONAL	01KN-series, 02KN-series, 03 KN-series, 04KN-series, 07KN-series	ISO / PAS 23678 (* See Note)
Single Drum, hydraulic- lowering/hydraulic hoisting	DAVIT INTERNATIONAL	06KN-series	ISO / PAS 23678 (* See Note)
Twin Drum, gravity- lowering/electrically hoisting w / static brake cone /disk / pads / band / decent brake centrifugal w pads	DAVIT INTERNATIONAL	12-series, 40-series	ISO / PAS 23678 (* See Note)
Rescue Boat, single fall	DELTA	COMET-series, PHANTOM-series	ISO / PAS 23678 (* See Note)
Free fall secondary hydraulic A Frame	DENIZSAN	DSFDD-series, DSFFD50	ISO / PAS 23678 (* See Note)
Single arm Slewing	DENIZSAN	DRBD-series, DRBLRD- series, DSRBDseries, DSRBH-series	ISO / PAS 23678 (* See Note)
Single Fall Rescue / Fast Rescue Boat A Frame Hydraulic	DENIZSAN	DSFRB-series	ISO / PAS 23678 (* See Note)
Twin Fall Gravity Pivoting / Luffing	DONG NAM ENTERPRISE., CO LTD	DLB-series	ISO / PAS 23678 (* See Note)
Single arm Slewing	DONGNAM MARINE CRANE CO.,LTD.	DCPV-series, DNRD-series, DRBLRDseries, DRLD-series, DSAC-series, DSADseries	ISO / PAS 23678 (* See Note)
Twin Fall Gravity Pivoting / Luffing	DONGNAM MARINE CRANE CO.,LTD.	DHGD-series	ISO / PAS 23678 (* See Note)
Twin Drum, gravity- lowering/electrically hoisting w/holding static brakes with mechanically operated multiple disks friction pads / decent brake centrifugal w pads	DONGNAM MARINE CRANE CO.,LTD.	HLW-series	ISO / PAS 23678 (* See Note)
Single Drum Gravity lowering electric hoisting lifeboat / rescue boat / static brake pad, cone, disk, band / decent brake centrifugal pads	DONGNAM MARINE CRANE CO.,LTD.	DSAD-series	ISO / PAS 23678 (* See Note)

Single drum Gravity lowering electric hoisting liferaft / rescue boat / static brake pad, cone, disk, eccentric cam / decent brake centrifugal pads	DONGNAM MARINE CRANE CO.,LTD.	DRBD-series, DRBLRW-series	ISO / PAS 23678 (* See Note)
Single arm Slewing	DONGWOO MACHINERY & ENGINEERING CO., LTD.	DBD-series	ISO / PAS 23678 (* See Note)
Twin Fall Gravity Pivoting / Luffing	DONGWOO MACHINERY & ENGINEERING CO., LTD.	DWS-series	ISO / PAS 23678 (* See Note)
Single Drum Gravity lowering electric hoisting lifeboat / rescue boat / static brake pad, cone, disk, band / decent brake centrifugal pads	DONGWOO MACHINERY & ENGINEERING CO., LTD.	DBD-series	ISO / PAS 23678 (* See Note)
Twin Drum, gravity-lowering/electrically hoisting w / static brake cone /disk / pads / band / decent brake centrifugal w pads	DONGWOO MACHINERY & ENGINEERING CO., LTD.	LW-series	ISO / PAS 23678 (* See Note)
Rescue Boat, single fall	DSB DEUTSCHE SCHLAUCHBOOTE	IRB-series	ISO / PAS 23678 (* See Note)
Free fall secondary hydraulic A Frame	DSB ENGINEERING CO LTD	DSBDF-series	ISO / PAS 23678 (* See Note)
Single arm Slewing	DSB ENGINEERING CO LTD	DSB23DR-series	ISO / PAS 23678 (* See Note)
Single Fall Rescue / Fast Rescue Boat A Frame Hydraulic	DSB ENGINEERING CO LTD	DSBARH-series, DSB DP-series, DSBDRseries	ISO / PAS 23678 (* See Note)
Twin Fall Gravity Pivoting / Luffing	DSB ENGINEERING CO LTD	DSBDL-series, DSB DTL-series	ISO / PAS 23678 (* See Note)
Twin Fall Hydraulic / Pivoting / Luffing Gravity Lowering	DSB ENGINEERING CO LTD	DSBDYL-series	ISO / PAS 23678 (* See Note)
Partially enclosed lifeboat, twin fall	DSB ENGINEERING CO LTD	DSBP-series	ISO / PAS 23678 (* See Note)
Rescue Boat, single fall	DSB ENGINEERING CO LTD	DSBRB-series, DSB RFA-series	ISO / PAS 23678 (* See Note)
Totally enclosed lifeboat, freefall	DSB ENGINEERING CO LTD	DSBRB-series, DSB RFA-series	ISO / PAS 23678 (* See Note)
Totally enclosed lifeboat, twin fall, dry version	DSB ENGINEERING CO LTD	DSBC-series	ISO / PAS 23678 (* See Note)
Totally enclosed lifeboat, twin fall, tanker version	DSB ENGINEERING CO LTD	DSBF-series	ISO / PAS 23678 (* See Note)
Single arm Slewing	EO LIFESAVING	CH-52-series	ISO / PAS 23678 (* See Note)
Single drum Gravity lowering electric hoisting liferaft / rescue boat / static brake pad, cone, disk, band / decent brake centrifugal pads	EO LIFESAVING	W-series	ISO / PAS 23678 (* See Note)
Free fall secondary hydraulic A Frame	FASSMER	FFH-series	ISO / PAS 23678 (* See Note)
Gravity Freefall primary	FASSMER	FLR-series	ISO / PAS 23678 (* See Note)

Single arm Slewing	FASSMER	FSARR -series	ISO / PAS 23678 (* See Note)
Twin Fall Hydraulic / Pivoting / Luffing	FASSMER	FPD-series	ISO / PAS 23678 (* See Note)
Twin Fall Hydraulic / Pivoting / Luffing Gravity Lowering	FASSMER	FMPD-series	ISO / PAS 23678 (* See Note)
Devices For Activating Release: Central Release Unit	FASSMER	DUPLEX < 6.6T-series, DUPLEX >6T-series	ISO / PAS 23678 (* See Note)
Devices for activating release: Free Fall Hydraulic Primary and Secondary	FASSMER	FFH-series	ISO / PAS 23678 (* See Note)
Devices For Activating Release: Hydrostatic Unit with Float	FASSMER	DUPLEX < 6.6T-series, DUPLEX >6T-series	ISO / PAS 23678 (* See Note)
Freefall Hydraulic / mechanical	FASSMER	F-series	ISO / PAS 23678 (* See Note)
Lifeboat on load lift not over centre, Curve to flat rotating cams	FASSMER	DUPLEX>6T-series	ISO / PAS 23678 (* See Note)
Lifeboat on load lift not over centre, forward or reverse curve to curve rotating cams	FASSMER	DUPLEX<6.6T-series	ISO / PAS 23678 (* See Note)
Partially enclosed lifeboat, twin fall	FASSMER	CL-P-series, PLL-series, PLT-series, SELseries	ISO / PAS 23678 (* See Note)
Rescue Boat, single fall	FASSMER	FRIR-series, RR-series	ISO / PAS 23678 (* See Note)
Totally enclosed lifeboat, freefall	FASSMER	CFL-series, GAR-series, GAR-T- series	ISO / PAS 23678 (* See Note)
Totally enclosed lifeboat, twin fall, dry version	FASSMER	CL-series, CLR-series, CLX-series, GMRseries	ISO / PAS 23678 (* See Note)
Totally enclosed lifeboat, twin fall, tanker version	FASSMER	CL-series, CLR-series, CLX-series, DRAGON-series, T-GMR-series	ISO / PAS 23678 (* See Note)
Single drum Gravity lowering electric hoisting liferaft / rescue boat / static brake pad, cone, disk, eccentric cam / decent brake centrifugal pads	FASSMER	DEW -series	ISO / PAS 23678 (* See Note)
Single Drum, hydraulic-lowering/hydraulic hoisting	FASSMER	FFWH-series	ISO / PAS 23678 (* See Note)
Twin Drum, gravity-lowering/electrically hoisting w/holding static brakes, multiple disks, hydraulically operated / decent brake hydraulic pump	FASSMER	FWD-series	ISO / PAS 23678 (* See Note)
Free fall secondary hydraulic A Frame	FASSMER MARLAND	FFH-series	ISO / PAS 23678 (* See Note)
Rescue Boat, single fall	FASSMER MARLAND	RR-series	ISO / PAS 23678 (* See Note)
Totally enclosed lifeboat, freefall	FASSMER MARLAND	CFL-C-series, CFL-T-series	ISO / PAS 23678 (* See Note)
Totally enclosed lifeboat, twin fall, dry version	FASSMER MARLAND	DRAGON C-series, HH-C-series	ISO / PAS 23678 (* See Note)
Totally enclosed lifeboat, twin fall, tanker version	FASSMER MARLAND	DRAGON F-series, HH-T-series	ISO / PAS 23678 (* See Note)

Single Drum, hydraulic-lowering/hydraulic hoisting	FASSMER MARLAND	FFWII-series	ISO / PAS 23678 (* See Note)
Rescue boat/Davit Launched Lifter/Lift over centre automatic	FERRI	1448 TN-series	ISO / PAS 23678 (* See Note)
Rescue boat/Davit Launched Lifter/Lift over centre automatic	GEPA	G-K-series	ISO / PAS 23678 (* See Note)
Fast Rescue Boat, single fall	GEPA	G-FRB-series	ISO / PAS 23678 (* See Note)
Partially enclosed lifeboat, twin fall	GEPA	G-FYK-series	ISO / PAS 23678 (* See Note)
Rescue Boat, single fall	GEPA	G-RB-series	ISO / PAS 23678 (* See Note)
Totally enclosed lifeboat, freefall	GEPA	G-FFF-series	ISO / PAS 23678 (* See Note)
Totally enclosed lifeboat, twin fall, dry version	GEPA	G-FFF-series	ISO / PAS 23678 (* See Note)
Totally enclosed lifeboat, twin fall, tanker version	GEPA	GFK-FP-series	ISO / PAS 23678 (* See Note)
Single arm Slewing	GILBERT & SCHMALRIEDE. GMBH & CO.KG	PJ-1385-series	ISO / PAS 23678 (* See Note)
Single or Twin Fall Lifeboat Rescue Boat / Fast Rescue Boat Telescopic Hydraulic	GILBERT & SCHMALRIEDE. GMBH & CO.KG	PJ-1386-series	ISO / PAS 23678 (* See Note)
Gravity single and twin fall outrigger	GLOBAL DAVIT	GSP.O-series, RSP.O-series	ISO / PAS 23678 (* See Note)
Single Fall Rescue / Fast Rescue Boat A Frame Hydraulic	GLOBAL DAVIT	RHP-series, RHP.HC-series	ISO / PAS 23678 (* See Note)
Twin Fall Gravity Pivoting / Luffing Gravity Lowering	GLOBAL DAVIT	GLP.FLH-series, GLP.FPH- series, GSP.FLHseries, GSP.FPII-series, RIIL- series, RHPseries	ISO / PAS 23678 (* See Note)
Twin Fall Gravity Rollertrack	GLOBAL DAVIT	GLP.RT-series, GSP.RT- series	ISO / PAS 23678 (* See Note)
Lifeboat on load lift not over centre	GLOBAL DAVIT	HRL-series	ISO / PAS 23678 (* See Note)
Rescue boat/Davit Launched Lifter/ Lift over centre automatic	GLOBAL DAVIT	HRL.26-series	ISO / PAS 23678 (* See Note)
Rescue boat offload lift over center	GLOBAL DAVIT	HRN-series	ISO / PAS 23678 (* See Note)
Rescue boat offload w. Onload capability	GLOBAL DAVIT	HR-series	ISO / PAS 23678 (* See Note)
Single drum Gravity lowering electric hoisting lifter / rescue boat / static brake pad, cone, disk, eccentric cam / decent brake centrifugal pads	GLOBAL DAVIT	01KN-series, 02KN-series, 03KN- series, 04KN-series, 08KN-series	ISO / PAS 23678 (* See Note)
Single Drum, hydraulic- lowering/hydraulic hoisting	GLOBAL DAVIT	W05HC-series, W08HC- series, WS-series	ISO / PAS 23678 (* See Note)
Twin Drum, gravity- lowering/electrically hoisting w / static brake cone / disk / pads / band / decent brake centrifugal w pads	GLOBAL DAVIT	10KN-series, 14KN-series, 20KN- series, 26KN-series	ISO / PAS 23678 (* See Note)

Free fall secondary hydraulic A Frame	GREBEN	HFF-series	ISO / PAS 23678 (* See Note)
Gravity single and twin fall outrigger	GREBEN	FOD-series	ISO / PAS 23678 (* See Note)
Single Fall Rescue / Fast Rescue Boat A Frame Hydraulic	GREBEN	RLC-series	ISO / PAS 23678 (* See Note)
Twin Fall Gravity Pivoting / Luffing	GREBEN	SPG-series	ISO / PAS 23678 (* See Note)
Twin Fall Gravity Rollertrack	GREBEN	GR-RTD-series	ISO / PAS 23678 (* See Note)
Twin Fall Hydraulic / Pivoting / Luffing Gravity Lowering	GREBEN	GD-PD-series, HD-series	ISO / PAS 23678 (* See Note)
Devices For Activating Release: Central Release Unit	GREBEN	NLH-series	ISO / PAS 23678 (* See Note)
Devices For Activating Release: Electronic Sensor	GREBEN	NLH-series	ISO / PAS 23678 (* See Note)
Lifeboat on load lift not over centre, up and down pins / collars	GREBEN	NLH-series	ISO / PAS 23678 (* See Note)
Partially enclosed lifeboat, twin fall	GREBEN	PEL-series	ISO / PAS 23678 (* See Note)
Rescue Boat, single fall	GREBEN	RB-series	ISO / PAS 23678 (* See Note)
Totally enclosed lifeboat, freefall	GREBEN	FFL-series	ISO / PAS 23678 (* See Note)
Totally enclosed lifeboat, twin fall, dry version	GREBEN	TEL-series	ISO / PAS 23678 (* See Note)
Totally enclosed lifeboat, twin fall, tanker version	GREBEN	TEL-FP-series	ISO / PAS 23678 (* See Note)
Single Drum, hydraulic-lowering/hydraulic hoisting	GREBEN	HW-series	ISO / PAS 23678 (* See Note)
Twin Drum, gravity-lowering/electrically hoisting w / static brake cone / disk / pads / band / decent brake centrifugal w pads	GREBEN	CW-series, EW-series	ISO / PAS 23678 (* See Note)
Rescue Boat Davit / Single arm Slewing	GUNES DINAMIK TEKNOLOGI & MAKINA	All Type	ISO / PAS 23678 (* See Note)
Free fall secondary hydraulic A Frame	GURDESAN	GD-FFD-series	ISO / PAS 23678 (* See Note)
Single arm Slewing	GURDESAN	GD-KHK-series, GD-RRS-series	ISO / PAS 23678 (* See Note)
Single drum Gravity lowering electric hoisting liferaft / rescue boat / static brake pad, cone, disk, eccentric cam / decent brake centrifugal pads	GURDESAN	GD-FLW-series	ISO / PAS 23678 (* See Note)
Single Drum, hydraulic-lowering/hydraulic hoisting	GURDESAN	GD-HC-A-series	ISO / PAS 23678 (* See Note)
Single arm Slewing	HAEAN MACHINERY IND. CO. LTD.	HED-PC-series, HHC-PC-series	ISO / PAS 23678 (* See Note)
Single drum Gravity lowering electric hoisting liferaft / rescue boat / static brake pad, cone, disk, eccentric cam / decent	HAEAN MACHINERY IND. CO. LTD.	HMI-series	ISO / PAS 23678 (* See Note)

brake centrifugal pads			
Single Drum, hydraulic-lowering/hydraulic hoisting	HAEAN MACHINERY IND. CO. LTD.	HHD-PC-series	ISO / PAS 23678 (* See Note)
Single arm Slewing	HANYOUNG ENTERPRISE	RESCUE BOAT DAVIT-series	ISO / PAS 23678 (* See Note)
Free fall secondary hydraulic A Frame	HARDING (UMOE SCHAT HARDING)	FF-series	ISO / PAS 23678 (* See Note)
Gravity freefall primary	HARDING (UMOE SCHAT HARDING)	FFB-series, LA-series	ISO / PAS 23678 (* See Note)
Gravity single and twin fall outrigger	HARDING (UMOE SCHAT HARDING)	HD-FL-series, ORD-series	ISO / PAS 23678 (* See Note)
Single arm Slewing	HARDING (UMOE SCHAT HARDING)	LAR-series, SAR-series, SPR-series, SRRseries	ISO / PAS 23678 (* See Note)
Single Fall Rescue / Fast Rescue Boat A Frame Hydraulic	HARDING (UMOE SCHAT HARDING)	SA-series	ISO / PAS 23678 (* See Note)
Twin Fall Gravity Pivoting / Luffing	HARDING (UMOE SCHAT HARDING)	HD-SPG-series, HD-VIP-series, SPG(VL)-series	ISO / PAS 23678 (* See Note)
Twin Fall Gravity Rollertrack	HARDING (UMOE SCHAT HARDING)	GRA-series, HD-RT-series	ISO / PAS 23678 (* See Note)
Twin Fall Hydraulic / Pivoting / Luffing Gravity Lowering	HARDING (UMOE SCHAT HARDING)	SPD-series	ISO / PAS 23678 (* See Note)
Devices for activating release: Free Fall Hydraulic Primary and Secondary	HARDING (UMOE SCHAT HARDING)	FFH-series	ISO / PAS 23678 (* See Note)
Fast rescue boat offload / Manual or automatic	HARDING (UMOE SCHAT HARDING)	CAR-35F-series	ISO / PAS 23678 (* See Note)
Freefall Hydraulic / mechanical	HARDING (UMOE SCHAT HARDING)	FFH-series	ISO / PAS 23678 (* See Note)
Rescue boat offload w. Onload capability	HARDING (UMOE SCHAT HARDING)	RRH-series	ISO / PAS 23678 (* See Note)
Partially enclosed lifeboat, twin fall	HARDING (UMOE SCHAT HARDING)	CTL-series, ML-series, MPC-series	ISO / PAS 23678 (* See Note)
Rescue Boat, single fall	HARDING (UMOE SCHAT HARDING)	MOB 4.5A-series	ISO / PAS 23678 (* See Note)
Totally enclosed lifeboat, freefall	HARDING (UMOE SCHAT HARDING)	FF-series	ISO / PAS 23678 (* See Note)
Totally enclosed lifeboat, twin fall, dry version	HARDING (UMOE SCHAT HARDING)	MCF-series	ISO / PAS 23678 (* See Note)
Totally enclosed lifeboat, twin fall, tanker version	HARDING (UMOE SCHAT HARDING)	MCB-series, MCM-series	ISO / PAS 23678 (* See Note)
Single Drum Gravity lowering electric hoisting lifeboat / rescue boat / static brake pad, cone, disk, band / decent brake centrifugal pads	HARDING (UMOE SCHAT HARDING)	16 EBR-series	ISO / PAS 23678 (* See Note)
Twin Drum, gravity-lowering/electrically hoisting w / static brake cone /disk / pads / band / decent brake centrifugal w pads	HARDING (UMOE SCHAT HARDING)	HD-series, MW-series	ISO / PAS 23678 (* See Note)
Twin Drum, gravity-lowering/electrically hoisting w/holding	HARDING (UMOE SCHAT HARDING)	CW-series, W-series	ISO / PAS 23678 (* See Note)

static brakes, multiple disks, hydraulically operated / decent brake hydraulic pump			
Single arm Slewing	HARDING (UMOE SCHAT HARDING) (SCHAT DAVIT COMPANY) (PALFINGER)	MOB-series	ISO / PAS 23678 (* See Note)
Twin Fall Gravity Pivoting / Luffing	SCHAT HARDING) (SCHAT DAVIT COMPANY) (PALFINGER)	SPG(L)-series	ISO / PAS 23678 (* See Note)
Twin Fall Gravity Rollertrack	SCHAT HARDING) (SCHAT DAVIT COMPANY) (PALFINGER)	NT-series, ND-series	ISO / PAS 23678 (* See Note)
Free fall secondary hydraulic A Frame	SCHAT HARDING) (SCHAT DAVIT COMPANY) (PALFINGER)	LA-series	ISO / PAS 23678 (* See Note)
Lifeboat on load lift not over centre, forward or reverse curve to curve rotating cams	SCHAT HARDING) (SCHAT DAVIT COMPANY) (PALFINGER)	LH3.5M2-series	ISO / PAS 23678 (* See Note)
Single drum Gravity lowering electric hoisting liferaft / rescue boat / static brake pad, cone, disk, eccentric cam / decent brake centrifugal pads	SCHAT HARDING) (SCHAT DAVIT COMPANY) (PALFINGER)	08-02-series, FM 194- series,FME-series	ISO / PAS 23678 (* See Note)
Single Drum, hydraulic- lowering/hydraulic hoisting	SCHAT HARDING) (SCHAT DAVIT COMPANY) (PALFINGER)	EW-02-PL-series	ISO / PAS 23678 (* See Note)
Twin Drum, gravity- lowering/electrically hoisting w / static brake cone /disk / pads / band / decent brake centrifugal w pads	SCHAT HARDING) (SCHAT DAVIT COMPANY) (PALFINGER)	BE-series	ISO / PAS 23678 (* See Note)
Rescue boat/Davit Launched Liferaft/Lift over centre automatic	HARDING (UMOE SCHAT HARDING) (PALFINGER)	ARH 23-series	ISO / PAS 23678 (* See Note)
Devices For Activating Release: Central Release Unit	HARDING (UMOE SCHAT HARDING) (PALFINGER)	LHR-series, LHR M2-series	ISO / PAS 23678 (* See Note)
Devices for activating release: Free Fall Hydraulic Primary and Secondary	HARDING (UMOE SCHAT HARDING) (PALFINGER)	LHR-series, LHR M2-series	ISO / PAS 23678 (* See Note)
Lifeboat on load lift not over centre, forward or reverse curve to curve rotating cams	HARDING (UMOE SCHAT HARDING) (PALFINGER)	LHR-series, LHR M2-series	ISO / PAS 23678 (* See Note)
Twin Drum, gravity- lowering/electrically hoisting w/holding static brakes, multiple disks, hydraulically operated / decent brake hydraulic pump	HARDING (UMOE SCHAT HARDING) (PALFINGER)	W-series	ISO / PAS 23678 (* See Note)

Twin Fall Gravity Rollertrack	HARDING (WATERCRAFT)	WRG-series	ISO / PAS 23678 (* See Note)
Partially enclosed lifeboat, twin fall	HARDING (WATERCRAFT)	MOB-series, MOBAC-series, PELB-series, PERB-series	ISO / PAS 23678 (* See Note)
Totally enclosed lifeboat, freefall	HARDING (WATERCRAFT)	WFF-series	ISO / PAS 23678 (* See Note)
Totally enclosed lifeboat, twin fall, tanker version	HARDING (WATERCRAFT)	MK 1-series, MK 2-series, MK 3-series, MK 4-series, MK 5-series	ISO / PAS 23678 (* See Note)
Twin Drum, gravity-lowering/electrically hoisting w / static brake cone / disk / pads / band / decent brake centrifugal w pads	HARDING (WATERCRAFT)	MW-series, NW-series	ISO / PAS 23678 (* See Note)
Totally enclosed lifeboat, twin fall, dry version	HARDING BOAT BUILDING (QINGDAO)	TECB-series	ISO / PAS 23678 (* See Note)
Free fall secondary hydraulic A Frame	HATECKE (ERNST HATECKE)	FFA-series	ISO / PAS 23678 (* See Note)
Gravity freefall primary	HATECKE (ERNST HATECKE)	FFB-series	ISO / PAS 23678 (* See Note)
Gravity single and twin fall outrigger	HATECKE (ERNST HATECKE)	GSP.O-series	ISO / PAS 23678 (* See Note)
Twin Fall Hydraulic / Pivoting / Luffing Gravity Lowering	HATECKE (ERNST HATECKE)	GSP.FP-series	ISO / PAS 23678 (* See Note)
Devices For Activating Release: Central Release Unit	HATECKE (ERNST HATECKE)	DUPLEX < 6T-series, DUPLEX >6T-series	ISO / PAS 23678 (* See Note)
Devices for activating release: Free Fall Hydraulic Primary and Secondary	HATECKE (ERNST HATECKE)	GFF-series	ISO / PAS 23678 (* See Note)
Devices For Activating Release: Hydrostatic Unit with Float	HATECKE (ERNST HATECKE)	DUPLEX < 6T-series, DUPLEX >6T-series	ISO / PAS 23678 (* See Note)
Fast Rescue boat offload w. Onload capability	HATECKE (ERNST HATECKE)	SIMPLEX 1.85-series	ISO / PAS 23678 (* See Note)
Freefall Hydraulic / mechanical	HATECKE (ERNST HATECKE)	GFF-series	ISO / PAS 23678 (* See Note)
Lifeboat on load lift not over centre, Curve to flat rotating cams	HATECKE (ERNST HATECKE)	DUPLEX>6T-series	ISO / PAS 23678 (* See Note)
Lifeboat on load lift not over centre, forward or reverse curve to curve rotating cams	HATECKE (ERNST HATECKE)	DUPLEX<6.6 T-series	ISO / PAS 23678 (* See Note)
Rescue boat/Davit Launched Liferaft/Lift over centre automatic	HATECKE (ERNST HATECKE)	RAFTI 2.5-series	ISO / PAS 23678 (* See Note)
Rescue boat offload lift over center	HATECKE (ERNST HATECKE)	SIMPLEX OFFLOAD-series	ISO / PAS 23678 (* See Note)
Rescue boat offload w. Onload capability	HATECKE (ERNST HATECKE)	SIMPLEX-series	ISO / PAS 23678 (* See Note)
Partially enclosed lifeboat, twin fall	HATECKE (ERNST HATECKE)	PEL-series, PL-series	ISO / PAS 23678 (* See Note)
Rescue Boat, single fall	HATECKE (ERNST HATECKE)	FRB-series, RB-series	ISO / PAS 23678 (* See Note)

Totally enclosed lifeboat, freefall	HATECKE (ERNST HATECKE)	GFF-series	ISO / PAS 23678 (* See Note)
Totally enclosed lifeboat, twin fall, tanker version	HATECKE (ERNST HATECKE)	GSL-series	ISO / PAS 23678 (* See Note)
Single Drum, hydraulic-lowering/hydraulic hoisting	HATECKE (ERNST HATECKE)	FFA-series	ISO / PAS 23678 (* See Note)
Fast rescue boat offload / Manual or automatic	HENRIKSEN	HCH-series, HMK-series	ISO / PAS 23678 (* See Note)
In board	HLB (HYUNDAI LIFEBOATS)	HB29D1-series	ISO / PAS 23678 (* See Note)
Devices For Activating Release: Central Release Unit	HLB (HYUNDAI LIFEBOATS)	TALON MK 1-series, TALON MK 2-series	ISO / PAS 23678 (* See Note)
Devices For Activating Release: Hydrostatic Unit With Diaphragm	HLB (HYUNDAI LIFEBOATS)	TALON MK 1-series, TALON MK 2-series	ISO / PAS 23678 (* See Note)
Lifeboat on load lift not over centre, flat to flat rotating cams	HLB (HYUNDAI LIFEBOATS)	TALON MK 1-series	ISO / PAS 23678 (* See Note)
Lifeboat on load lift not over centre, forward or reverse curve to curve rotating cams	HLB (HYUNDAI LIFEBOATS)	TALON MK 2-series	ISO / PAS 23678 (* See Note)
Fast Rescue Boat, single fall	HLB (HYUNDAI LIFEBOATS)	HDFR-series	ISO / PAS 23678 (* See Note)
Rescue Boat, single fall	HLB (HYUNDAI LIFEBOATS)	HDFR-series	ISO / PAS 23678 (* See Note)
Totally enclosed lifeboat, freefall	HLB (HYUNDAI LIFEBOATS)	HDFN-F-series, HDFN-T-series	ISO / PAS 23678 (* See Note)
Totally enclosed lifeboat, twin fall, dry version	HLB (HYUNDAI LIFEBOATS)	HDL-series, HLB-series, HT78-series	ISO / PAS 23678 (* See Note)
Totally enclosed lifeboat, twin fall, tanker version	HLB (HYUNDAI LIFEBOATS)	HDL-series, HLB-series	ISO / PAS 23678 (* See Note)
Devices For Activating Release: Central Release Unit	HOEI SENPAKU CO.,LTD	HS-series, HS 520 96-series, HS650 96-series	ISO / PAS 23678 (* See Note)
Devices For Activating Release: Hydrostatic Unit with Diaphragm	HOEI SENPAKU CO.,LTD	HS-series, HS 520 96-series, HS650 96-series	ISO / PAS 23678 (* See Note)
Lifeboat on load lift not over centre, Curve to flat rotating cams	HOEI SENPAKU CO.,LTD	HS520 96-series, HS650 96-series	ISO / PAS 23678 (* See Note)
Lifeboat on load lift not over centre, flat to flat rotating cams	HOEI SENPAKU CO.,LTD	HS-series	ISO / PAS 23678 (* See Note)
Lifeboat on load lift not over centre, up and down pins / collars	HOEI SENPAKU CO.,LTD	HS520 83-series, HS650 83-series	ISO / PAS 23678 (* See Note)
Totally enclosed lifeboat, twin fall, dry version	HOEI SENPAKU CO.,LTD	HS-series	ISO / PAS 23678 (* See Note)
Totally enclosed lifeboat, twin fall, tanker version	HOEI SENPAKU CO.,LTD	HS650F-series, HSF-series	ISO / PAS 23678 (* See Note)
Single Drum, hydraulic-lowering/hydraulic	HYDRALIFT	SP-series	ISO / PAS 23678 (* See Note)
Totally enclosed lifeboat, freefall hoisting	HYUNDAI LIFEBOATS CO. LTD	HDFL740F-series IHI MARINE	ISO / PAS 23678 (* See Note)
Twin Fall Gravity Pivoting / Luffing	IHI MARINE UNITED INC	MUL-series	ISO / PAS 23678 (* See Note)

Devices For Activating Release: Central Release Unit	IHI MARINE UNITED INC	JX-1-series	ISO / PAS 23678 (* See Note)
Devices For Activating Release: Hydrostatic Unit with Diaphragm	IHI MARINE UNITED INC	JX-1-series	ISO / PAS 23678 (* See Note)
Lifeboat on load lift not over centre, up and down pins / collars	IHI MARINE UNITED INC	JX-1-series	ISO / PAS 23678 (* See Note)
Open lifeboat, twin fall	IHI MARINE UNITED INC	G-series	ISO / PAS 23678 (* See Note)
Totally enclosed lifeboat, twin fall, dry version	IHI MARINE UNITED INC	GTC-series, GTC-C-series	ISO / PAS 23678 (* See Note)
Totally enclosed lifeboat, twin fall, tanker version	IHI MARINE UNITED INC	GT-F-series, GTC-F-series, GTR- F-series	ISO / PAS 23678 (* See Note)
Twin Drum, gravity-lowering/electrically hoisting w/holding static brakes with mechanically operated multiple disks friction pads / decent brake centrifugal w pads	IHI MARINE UNITED INC	MUW-series	ISO / PAS 23678 (* See Note)
Twin Fall Gravity Pivoting / Luffing	IKNOW MACHINERY (TSUJI)	HD-series	ISO / PAS 23678 (* See Note)
Twin Drum, gravity-lowering/electrically hoisting w / static brake cone /disk / pads / band / decent brake centrifugal w pads	IKNOW MACHINERY (TSUJI)	EB-series	ISO / PAS 23678 (* See Note)
Single arm Slewing	IMT CO., LTD	ILR-series	ISO / PAS 23678 (* See Note)
Single Drum Gravity lowering electric hoisting lifeboat / rescue boat / static brake pad, cone, disk, band / decent brake centrifugal pads	IMT CO., LTD	ILR-W-series	ISO / PAS 23678 (* See Note)
Totally enclosed lifeboat, twin fall, dry version	JAPAN MARINE UNITED CORP.	GF-series	ISO / PAS 23678 (* See Note)
Totally enclosed lifeboat, twin fall, tanker version	JAPAN MARINE UNITED CORP.	GTR-series	ISO / PAS 23678 (* See Note)
Twin Drum, gravity-lowering/electrically hoisting w/holding static brakes with mechanically operated multiple disks friction pads / decent brake centrifugal w pads	JAPAN MARINE UNITED CORP.	MU-series	ISO / PAS 23678 (* See Note)
Free fall secondary hydraulic A Frame	JIANGSU JIAOYAN MARINE EQUIPMENT CO., LTD (JIANGYIN XINJIANG F.R.P. CO.LTD)	JYF-series	ISO / PAS 23678 (* See Note)
Gravity single and twin fall outrigger	XINJIANG F.R.P. CO.LTD)	JYP-series	ISO / PAS 23678 (* See Note)
Single arm Slewing	XINJIANG F.R.P. CO.LTD)	JYRCA-series	ISO / PAS 23678 (* See Note)

Single Fall Rescue / Fast Rescue Boat A Frame Hydraulic	XINJIANG F.R.P. CO.LTD)	JYR-series	ISO / PAS 23678 (* See Note)
Twin Fall Gravity Pivoting / Luffing	XINJIANG F.R.P. CO.LTD)	JYL-series	ISO / PAS 23678 (* See Note)
Twin Fall Gravity Rollertrack	XINJIANG F.R.P. CO.LTD)	JYGR-series	ISO / PAS 23678 (* See Note)
Twin Fall Hydraulic / Pivoting / Luffing Gravity Lowering	XINJIANG F.R.P. CO.LTD)	JYHG-series	ISO / PAS 23678 (* See Note)
Devices For Activating Release: Central Release Unit	XINJIANG F.R.P. CO.LTD)	JX-1-series, JX-1B-series, JXN-1B-series, JXN-1C-series	ISO / PAS 23678 (* See Note)
Devices for activating release: Free Fall Hydraulic Primary and Secondary	XINJIANG F.R.P. CO.LTD)	JX-2-series	ISO / PAS 23678 (* See Note)
Devices For Activating Release: Hydrostatic Unit with Diaphragm	XINJIANG F.R.P. CO.LTD)	JX-1-series, JX-1B-series, JXN-1B-series, JXN-1C-series	ISO / PAS 23678 (* See Note)
Fast Rescue Boat Offload with On-Load Capability	XINJIANG F.R.P. CO.LTD)	JXN-3-series	ISO / PAS 23678 (* See Note)
Freefall Hydraulic / mechanical	XINJIANG F.R.P. CO.LTD)	JX-2-series	ISO / PAS 23678 (* See Note)
Lifeboat on load lift not over centre, up and down pins / collars	XINJIANG F.R.P. CO.LTD)	JX-1-series, JX-1B-series, JXN-1B-series, JXN-1C-series	ISO / PAS 23678 (* See Note)
Rescue Boat, single fall	XINJIANG F.R.P. CO.LTD)	GJ-series, GJF-series, GZ-series	ISO / PAS 23678 (* See Note)
Totally enclosed lifeboat, freefall	XINJIANG F.R.P. CO.LTD)	JY-FF-series, JY-FN-series, JYM-FF-series	ISO / PAS 23678 (* See Note)
Totally enclosed lifeboat, twin fall, dry version	XINJIANG F.R.P. CO.LTD)	JY-QFN-series, JY-QFP-series	ISO / PAS 23678 (* See Note)
Totally enclosed lifeboat, twin fall, tanker version	XINJIANG F.R.P. CO.LTD)	JY-QFN-series, JY-QFP-series	ISO / PAS 23678 (* See Note)
Single drum Gravity lowering electric hoisting liferaft/rescue boat/static brake pad, cone, disk, eccentric cam / decent brake centrifugal pads	XINJIANG F.R.P. CO.LTD)	JYRZ-series	ISO / PAS 23678 (* See Note)
Single Drum, hydraulic-lowering/hydraulic hoisting	XINJIANG F.R.P. CO.LTD)	FW-series	ISO / PAS 23678 (* See Note)
Twin Drum, gravity-lowering/electrically hoisting w/holding static brakes with mechanically operated multiple disks friction pads / decent brake centrifugal w pads	XINJIANG F.R.P. CO.LTD)	JYW-series, JYWP-series	ISO / PAS 23678 (* See Note)
Totally enclosed lifeboat, twin fall, dry version	JIANGYIN NEPTUNE	NPT-C-series, SC-series	ISO / PAS 23678 (* See Note)
Totally enclosed lifeboat, twin fall, tanker version	JIANGYIN NEPTUNE	NPT-F-series	ISO / PAS 23678 (* See Note)
Free fall secondary hydraulic A Frame	JIANGYIN NEPTUNE MARINE APPLIANCE CO., LTD.	NPT-DF-series	ISO / PAS 23678 (* See Note)

Gravity single and twin fall outrigger	JIANGYIN NEPTUNE MARINE APPLIANCE CO., LTD.	NPT-DP-series, NPT-PL-series	ISO / PAS 23678 (* See Note)
Single Fall Rescue / Fast Rescue Boat A Frame Hydraulic	JIANGYIN NEPTUNE MARINE APPLIANCE CO., LTD.	NPT BE-series, NPT-DR-series	ISO / PAS 23678 (* See Note)
Twln Fall Gravity Pivoting / Luffing	JIANGYIN NEPTUNE MARINE APPLIANCE CO., LTD.	NPT-DL-series, NPT-DP-series, NPT-DYI-series	ISO / PAS 23678 (* See Note)
Single arm Slewing	JIANGYIN NEPTUNE MARINE APPLIANCE CO., LTD.	NPT-DR-series	ISO / PAS 23678 (* See Note)
Devices For Activating Release: Central Release Unit	JIANGYIN NEPTUNE MARINE APPLIANCE CO., LTD.	NPT-50-series, NPT-HAN-series, NPTHKC-series, PN-HKC-series, PNG-HCKseries	ISO / PAS 23678 (* See Note)
Devices For Activating Release: Hydrostatic Unit with Float	JIANGYIN NEPTUNE MARINE APPLIANCE CO., LTD.	NPT-50-series, NPT-HAN-series, NPTHKC-series, PN-HKC-series	ISO / PAS 23678 (* See Note)
Fast Rescue Boat Offload	JIANGYIN NEPTUNE MARINE APPLIANCE CO., LTD.	NPT-HK-series	ISO / PAS 23678 (* See Note)
Freefall Hydraulic / mechanical	JIANGYIN NEPTUNE MARINE APPLIANCE CO., LTD.	NPT 70HKF-series	ISO / PAS 23678 (* See Note)
Lifeboat on load lift not over centre, Curve to flat rotating cams	JIANGYIN NEPTUNE MARINE APPLIANCE CO., LTD.	NPT-HK-series, NPT 50-series	ISO / PAS 23678 (* See Note)
Lifeboat on load lift not over centre, forward or reverse curve to curve rotating cams	JIANGYIN NEPTUNE MARINE APPLIANCE CO., LTD.	NPT-HKC-series, PN-HKC-series	ISO / PAS 23678 (* See Note)
Rescue Boat Offload with On-Load Capability	JIANGYIN NEPTUNE MARINE APPLIANCE CO., LTD.	NPT-HK25F-series	ISO / PAS 23678 (* See Note)
Rescue boat/Davit Launched Liferaft/Lift over centre automatic	JIANGYIN NEPTUNE MARINE APPLIANCE CO., LTD.	NPT-HK25F-series	ISO / PAS 23678 (* See Note)
Partially enclosed lifeboat, twin fall	JIANGYIN NEPTUNE MARINE APPLIANCE CO., LTD.	NPT-P-series, NPT-PT-series	ISO / PAS 23678 (* See Note)
Rescue Boat, single fall	JIANGYIN NEPTUNE MARINE APPLIANCE CO., LTD.	NPT-R-series, NPT-RA-series, NPT-RBseries, NPT-RFA-series	ISO / PAS 23678 (* See Note)
Totally enclosed lifeboat, freefall	JIANGYIN NEPTUNE MARINE APPLIANCE CO., LTD.	NPT-FA-series, NPT-FC-series, NPT-FCAseries, NPT-FF-series	ISO / PAS 23678 (* See Note)
Twin Drum, gravity-lowering/electrically hoisting w/holding static brakes with mechanically operated multiple disks friction pads / decent brake centrifugal w pads	JIANGYIN NEPTUNE MARINE APPLIANCE CO., LTD.	NPT-DW-series, NPT-DS-series	ISO / PAS 23678 (* See Note)
Single Drum, hydraulic-lowering/hydraulic hoisting	JIANGYIN NEPTUNE MARINE APPLIANCE CO., LTD.	NPT-DF-series	ISO / PAS 23678 (* See Note)
Single Drum Gravity lowering electric hoisting lifeboat / rescue	JIANGYIN NEPTUNE MARINE APPLIANCE CO., LTD.	NPT-DW-series	ISO / PAS 23678 (* See Note)

boat / static brake pad, cone, disk, band / decent brake centrifugal pads			
Free fall secondary hydraulic A Frame	JIANGYIN WOLONG F.R.P. BOAT CO. LTD.	JY-FH-series	ISO / PAS 23678 (* See Note)
Gravity single and twin fall outrigger	JIANGYIN WOLONG F.R.P. BOAT CO. LTD.	JYPL-series	ISO / PAS 23678 (* See Note)
Single arm Slewing	JIANGYIN WOLONG F.R.P. BOAT CO. LTD.	JYSA-series	ISO / PAS 23678 (* See Note)
Single Fall Rescue / Fast Rescue Boat A Frame Hydraulic	JIANGYIN WOLONG F.R.P. BOAT CO. LTD.	JY-LFR-series, JY-LRHE-series, JY-PLRseries	ISO / PAS 23678 (* See Note)
Twin Fall Gravity Pivoting / Luffing	JIANGYIN WOLONG F.R.P. BOAT CO. LTD.	JYPL-series	ISO / PAS 23678 (* See Note)
Twin Fall Gravity Rollertrack	JIANGYIN WOLONG F.R.P. BOAT CO. LTD.	JYHE-series	ISO / PAS 23678 (* See Note)
Devices For Activating Release: Central Release Unit	JIANGYIN WOLONG F.R.P. BOAT CO. LTD.	HK-series, JX-1-series	ISO / PAS 23678 (* See Note)
Devices For Activating Release: Hydrostatic Unit with Diaphragm	JIANGYIN WOLONG F.R.P. BOAT CO. LTD.	JX-1-series	ISO / PAS 23678 (* See Note)
Fast Rescue Boat Offload with On-Load Capability	JIANGYIN WOLONG F.R.P. BOAT CO. LTD.	HK-series	ISO / PAS 23678 (* See Note)
Freefall Hydraulic / mechanical	JIANGYIN WOLONG F.R.P. BOAT CO. LTD.	FBK-series	ISO / PAS 23678 (* See Note)
Lifeboat on load lift not over centre, Curve to flat rotating cams	JIANGYIN WOLONG F.R.P. BOAT CO. LTD.	HK-series	ISO / PAS 23678 (* See Note)
Lifeboat on load lift not over centre, up and down pins / collars	JIANGYIN WOLONG F.R.P. BOAT CO. LTD.	JX-1-series	ISO / PAS 23678 (* See Note)
Open lifeboat, twin fall	JIANGYIN WOLONG F.R.P. BOAT CO. LTD.	JYK-series	ISO / PAS 23678 (* See Note)
Partially enclosed lifeboat, twin fall	JIANGYIN WOLONG F.R.P. BOAT CO. LTD.	JYP-series	ISO / PAS 23678 (* See Note)
Rescue Boat, single fall	JIANGYIN WOLONG F.R.P. BOAT CO. LTD.	JYDR-series, JYKR-series	ISO / PAS 23678 (* See Note)
Totally enclosed lifeboat, freefall	JIANGYIN WOLONG F.R.P. BOAT CO. LTD.	JYCF-series, JYFF-series	ISO / PAS 23678 (* See Note)
Totally enclosed lifeboat, twin fall, dry version	JIANGYIN WOLONG F.R.P. BOAT CO. LTD.	JYC-series, JYCA-series	ISO / PAS 23678 (* See Note)
Totally enclosed lifeboat, twin fall, tanker version	JIANGYIN WOLONG F.R.P. BOAT CO. LTD.	JYF-series, JYFA-series	ISO / PAS 23678 (* See Note)
Twin Drum, gravity-lowering/electrically hoisting w/holding static brakes with mechanically operated multiple disks friction pads / decent brake centrifugal w pads	JIANGYIN WOLONG F.R.P. BOAT CO. LTD.	JYD-series	ISO / PAS 23678 (* See Note)
Rescue Boat, single fall	JIANGYIN XINJIANG	GJ-series, GJ-B-series	ISO / PAS 23678 (* See Note)
Totally enclosed lifeboat, freefall	JIANGYIN XINJIANG	JY-FN-series	ISO / PAS 23678 (* See Note)
Free fall secondary hydraulic A Frame	JIANGYINSHI BEIHAI	FA-series	ISO / PAS 23678 (* See Note)
Gravity single and twin fall outrigger	JIANGYINSHI BEIHAI	PD-series	ISO / PAS 23678 (* See Note)

		Single arm Slewing SA-series, SAC	
Single arm Slewing	JIANGYINSHI BEIHAI	SA-series, SAC-series, SMR-series	ISO / PAS 23678 (* See Note)
Single Fall Rescue / Fast Rescue Boat A Frame Hydraulic	JIANGYINSHI BEIHAI	EHRD-series, FRH-series, SRH-series	ISO / PAS 23678 (* See Note)
Twin Fall Gravity Pivoting / Luffing	JIANGYINSHI BEIHAI	BH-G-series, LA-series, LB-H-series	ISO / PAS 23678 (* See Note)
Twin Fall Gravity Rollertrack	JIANGYINSHI BEIHAI	HB-H-series, RB-H-series	ISO / PAS 23678 (* See Note)
Twin Fall Hydraulic / Pivoting / Luffing Gravity Lowering	JIANGYINSHI BEIHAI	BHGH-series	ISO / PAS 23678 (* See Note)
Devices For Activating Release: Central Release Unit	JIANGYINSHI BEIHAI	JYB-HK-series	ISO / PAS 23678 (* See Note)
Devices For Activating Release: Hydrostatic Unit with Diaphragm	JIANGYINSHI BEIHAI	JYB-HK-series	ISO / PAS 23678 (* See Note)
Fast Rescue Boat Offload with On-Load Capability	JIANGYINSHI BEIHAI	JYB-HK-series	ISO / PAS 23678 (* See Note)
Freefall Hydraulic / mechanical	JIANGYINSHI BEIHAI	JYB-HKF-series	ISO / PAS 23678 (* See Note)
Lifeboat on load lift not over centre, Curve to flat rotating cams	JIANGYINSHI BEIHAI	JYB-HK-series	ISO / PAS 23678 (* See Note)
Fast Rescue Boat, single fall	JIANGYINSHI BEIHAI	JYB-G-series, JYB-Q-series	ISO / PAS 23678 (* See Note)
Open lifeboat, twin fall	JIANGYINSHI BEIHAI	JYB-K-series	ISO / PAS 23678 (* See Note)
Partially enclosed lifeboat, twin fall	JIANGYINSHI BEIHAI	JYB-B-series	ISO / PAS 23678 (* See Note)
Rescue Boat, single fall	JIANGYINSHI BEIHAI	JY-BR-series, JY-KR-series, SC-K-series, SC-KR-series	ISO / PAS 23678 (* See Note)
Totally enclosed lifeboat, freefall	JIANGYINSHI BEIHAI	JYB-FC-series, JYB-FF-series	ISO / PAS 23678 (* See Note)
Totally enclosed lifeboat, twin fall, dry version	JIANGYINSHI BEIHAI	JYB-C-series	ISO / PAS 23678 (* See Note)
Totally enclosed lifeboat, twin fall, tanker version	JIANGYINSHI BEIHAI	JYB-F-series	ISO / PAS 23678 (* See Note)
Single drum Gravity lowering electric hoisting liferaft / rescue boat / static brake pad, cone, disk, eccentric cam / decent brake centrifugal pads	JIANGYINSHI BEIHAI	YZ-series	ISO / PAS 23678 (* See Note)
Twin Drum, gravity-lowering/electrically hoisting w/holding static brakes with mechanically operated multiple disks friction pads / decent brake centrifugal w pads	JIANGYINSHI BEIHAI	DS-series, DW-series, DZ-series, JYBWseries	ISO / PAS 23678 (* See Note)
Single arm Slewing	JUNG-A-MARINE CO., LTD	PCRLC-series	ISO / PAS 23678 (* See Note)
Twin Drum, gravity-lowering/electrically hoisting w/holding	JUNG-A-MARINE CO., LTD	PCRLC-series	ISO / PAS 23678 (* See Note)

static brakes with mechanically operated multiple disks friction pads / decent brake centrifugal w pads			
Totally enclosed lifeboat, twin fall, dry version	KANG NAM. CORPORATION	GTB-series	ISO / PAS 23678 (* See Note)
Single arm Slewing	KGW SCHWERINER MASCHINENBAU GMBH	RB-series	ISO / PAS 23678 (* See Note)
Single Fall Rescue / Fast Rescue Boat A Frame Hydraulic	MACGREGOR (TTS) (HYDRAMARINE)	A-TYPE-series, HLD-series, HMC-series, HMD-series, G-type	ISO / PAS 23678 (* See Note)
Single or Twin Fall Lifeboat Rescue Boat / Fast Rescue Boat Telescopic Hydraulic	MACGREGOR (TTS) (HYDRAMARINE)	T-TYPE-series	ISO / PAS 23678 (* See Note)
Single Drum, hydraulic-lowering/hydraulic hoisting	MACGREGOR (TTS) (HYDRAMARINE)	HMW-series	ISO / PAS 23678 (* See Note)
Devices For Activating Release: Central Release Unit	MADROCK	ROCLOC-series	ISO / PAS 23678 (* See Note)
Devices For Activating Release: Hydrostatic Unit with Float	MADROCK	ROCLOC-series	ISO / PAS 23678 (* See Note)
Lifeboat on load lift not over centre, forward or reverse curve to curve rotating cams	MADROCK	ROCLOC-series	ISO / PAS 23678 (* See Note)
Free fall secondary hydraulic A Frame	MANSEI	D-FH-series, FE-series, MFH-series	ISO / PAS 23678 (* See Note)
Single arm Slewing	MANSEI	RD-series, SAR-series, SR-series	ISO / PAS 23678 (* See Note)
Single Fall Rescue / Fast Rescue Boat A Frame Hydraulic	MANSEI	HER-series	ISO / PAS 23678 (* See Note)
Twin Fall Gravity Pivoting / Luffing	MANSEI	ABD-series, AH-series, AV-series, EHseries, EM-series, M- series	ISO / PAS 23678 (* See Note)
Twin Fall Gravity Rollertrack	MANSEI	AT-series, GRA-series	ISO / PAS 23678 (* See Note)
Single drum Gravity lowering electric hoisting liferaft / rescue boat / static brake pad, cone, disk, eccentric cam / decent brake centrifugal pads	MANSEI	ERW-series, MLW-series, RMW- series, SW-series	ISO / PAS 23678 (* See Note)
Single Drum, hydraulic-lowering/hydraulic hoisting	MANSEI	06KN-series, FW-series	ISO / PAS 23678 (* See Note)
Twin Drum, gravity-lowering/electrically hoisting w / static brake cone / disk / pads / band / decent brake centrifugal w pads	MANSEI	AW-series, CMW-series, EW- series, MWseries	ISO / PAS 23678 (* See Note)
Twin Drum, gravity-lowering/electrically hoisting w/holding static brakes with mechanically operated multiple disks friction	MANSEI	ABW-series, FBW-series	ISO / PAS 23678 (* See Note)

pads / decent brake centrifugal w pads			
Rescue boat/Davit Launched Liferaft/Lift over centre automatic	MANSEI	RH -series, RH3-series	ISO / PAS 23678 (* See Note)
Rescue Boat, single fall	MARE SAFETY	RB-series	ISO / PAS 23678 (* See Note)
Fast Rescue Boat, single fall	MARITIME PARTNERS	ALUSAFE 1200 DC-series, ALUSAFE 700-series, ALUSAFE 770-series, ALUSAFE 900-series, SEA BEAR 23-series, WEEDO 17 SOLAS-series, WEEDO 600-series, WEEDO 700-series	ISO / PAS 23678 (* See Note)
Fast Rescue Boat, single fall	MARITIME PARTNERS (HUKKELBORG BOATS)	SPRINGER-series	ISO / PAS 23678 (* See Note)
Outboard	MERCURY	15P-series	ISO / PAS 23678 (* See Note)
Twin Fall Gravity Pivoting / Luffing	MIURA MACHINE CO., LTD (MIURA VIDER) (MANSEI)	MVD-series, SPG(VD)-series	ISO / PAS 23678 (* See Note)
Twin Drum, gravity-lowering/electrically hoisting w / static brake cone /disk / pads / band / decent brake centrifugal w pads	MIURA MACHINE CO., LTD (MIURA VIDER) (MANSEI)	LBH-series, RBH-series	ISO / PAS 23678 (* See Note)
Totally enclosed lifeboat, single fall	MULDER EN RIJKE	TELB-S-series	ISO / PAS 23678 (* See Note)
Partially enclosed lifeboat, twin fall	MULDER EN RIJKE	PELB-series, PTL-series	ISO / PAS 23678 (* See Note)
Totally enclosed lifeboat, twin fall, tanker version	MULDER EN RIJKE	TELB-series	ISO / PAS 23678 (* See Note)
Outboard	NARWHAL	NARWHAL / SV-420-series	ISO / PAS 23678 (* See Note)
Rescue Boat, single fall	NARWHAL	SV-series	ISO / PAS 23678 (* See Note)
Fast Rescue Boat, single fall	NARWHAL (DAFER)	SV-series	ISO / PAS 23678 (* See Note)
Single arm Slewing	NAVIGATIONS	1,1-series	ISO / PAS 23678 (* See Note)
Gravity single and twin fall outrigger	NAVIM GROUP	FDRB-series	ISO / PAS 23678 (* See Note)
Single or Twin Fall Lifeboat Rescue Boat / Fast Rescue Boat Telescopic Hydraulic	NAVIM GROUP	SPDT-L-series, SPDT-R-series, SPDT-Tseries	ISO / PAS 23678 (* See Note)
Twin Fall Hydraulic / Pivoting / Luffing Gravity Lowering	NAVIM GROUP	SGHD- L-series, SPHD- T-series	ISO / PAS 23678 (* See Note)
Gravity single and twin fall outrigger	NED-DECK MARINE (PALFINGER)	FPG-series	ISO / PAS 23678 (* See Note)
Single arm Slewing	NED-DECK MARINE (PALFINGER)	SCH-series, SCM-series, SCT-series, SECseries	ISO / PAS 23678 (* See Note)
Single Fall Rescue / Fast Rescue Boat A Frame Hydraulic	NED-DECK MARINE (PALFINGER)	PFH-series, PRH-series, PRHE- series	ISO / PAS 23678 (* See Note)
Twin Fall Gravity Pivoting / Luffing	NED-DECK MARINE (PALFINGER)	PL -series	ISO / PAS 23678 (* See Note)
Rescue boat / Davit Launched Liferaft / Lift over centre automatic	NED-DECK MARINE (PALFINGER)	CAR 35-series	ISO / PAS 23678 (* See Note)
Rescue Boat, single fall	NED-DECK MARINE	NMD 4.40 RESCUE-series	ISO / PAS 23678 (* See Note)

	(PALFINGER)		
Totally enclosed lifeboat, twin fall, tanker version	NED-DECK MARINE (PALFINGER)	NPT-series, PN85F-series	ISO / PAS 23678 (* See Note)
Single Drum Gravity lowering electric hoisting lifeboat / rescue boat / static brake pad, cone, disk, band / decent brake centrifugal pads	NED-DECK MARINE (PALFINGER)	04-series	ISO / PAS 23678 (* See Note)
Single drum Gravity lowering electric hoisting liferaft / rescue boat / static brake pad, cone, disk, eccentric cam / decent brake centrifugal pads	NED-DECK MARINE (PALFINGER)	HWCT-series	ISO / PAS 23678 (* See Note)
Twin Drum, gravity-lowering/electrically hoisting w / static brake cone / disk / pads / band / decent brake centrifugal w pads	NED-DECK MARINE (PALFINGER)	15-series	ISO / PAS 23678 (* See Note)
Free fall secondary hydraulic A Frame	NINGBO ASIA F.R.P. BOAT MANUFACTURING CO LTD	YZF-series	ISO / PAS 23678 (* See Note)
Single arm Slewing	NINGBO ASIA F.R.P. BOAT MANUFACTURING CO LTD	YZ-series, ZFDZ-series	ISO / PAS 23678 (* See Note)
Twin Fall Gravity Pivoting / Luffing	NINGBO ASIA F.R.P. BOAT MANUFACTURING CO LTD	L-series	ISO / PAS 23678 (* See Note)
Devices For Activating Release: Central Release Unit	NINGBO ASIA F.R.P. BOAT MANUFACTURING CO LTD	HK-series	ISO / PAS 23678 (* See Note)
Lifeboat on load lift not over centre, Curve to flat rotating cams	NINGBO ASIA F.R.P. BOAT MANUFACTURING CO LTD	HK-series	ISO / PAS 23678 (* See Note)
Fast Rescue Boat, single fall	NINGBO ASIA F.R.P. BOAT MANUFACTURING CO LTD	YZRA-series, YZRB-series	ISO / PAS 23678 (* See Note)
Open lifeboat, twin fall	NINGBO ASIA F.R.P. BOAT MANUFACTURING CO LTD	BJ-series	ISO / PAS 23678 (* See Note)
Rescue Boat, single fall	NINGBO ASIA F.R.P. BOAT MANUFACTURING CO LTD	BJ-series, YZ-series	ISO / PAS 23678 (* See Note)
Totally enclosed lifeboat, freefall	NINGBO ASIA F.R.P. BOAT MANUFACTURING CO LTD	YZFC-series, YZFF-series	ISO / PAS 23678 (* See Note)
Totally enclosed lifeboat, twin fall, dry version	NINGBO ASIA F.R.P. BOAT MANUFACTURING CO LTD	YZC-series	ISO / PAS 23678 (* See Note)

Totally enclosed lifeboat, twin fall, tanker version	NINGBO ASIA F.R.P. BOAT MANUFACTURING CO LTD	YZF-series	ISO / PAS 23678 (* See Note)
Gravity single and twin fall outrigger	NINGBO NEW MARINE LIFESAVING EQUIPMENT CO. LTD	NMPL-series	ISO / PAS 23678 (* See Note)
Single Fall Rescue / Fast Rescue Boat A Frame Hydraulic	NINGBO NEW MARINE LIFESAVING EQUIPMENT CO. LTD	NM-series, NMAR-series	ISO / PAS 23678 (* See Note)
Totally enclosed lifeboat, twin fall, dry version	NINGBO NEW MARINE LIFESAVING EQUIPMENT CO. LTD	NM-series	ISO / PAS 23678 (* See Note)
Devices For Activating Release: Central Release Unit	NISHI-F CO., LTD., (EX. ISHIHARA DOCKYARD, NISHI-NIPPON)	IHM 12-series, IHM 13-series, NS-series	ISO / PAS 23678 (* See Note)
Devices for activating release: Free Fall Hydraulic Primary and Secondary	NISHI-F CO., LTD., (EX. ISHIHARA DOCKYARD, NISHI-NIPPON)	F-series, ML-series	ISO / PAS 23678 (* See Note)
Devices For Activating Release: Hydrostatic Unit with Float	NISHI-F CO., LTD., (EX. ISHIHARA DOCKYARD, NISHI-NIPPON)	IHM 12-series, IHM 13-series, NS-series	ISO / PAS 23678 (* See Note)
Freefall Hydraulic / mechanical	NISHI-F CO., LTD., (EX. ISHIHARA DOCKYARD, NISHI-NIPPON)	F-series, ML-series	ISO / PAS 23678 (* See Note)
Lifeboat on load lift not over centre, Curve to flat rotating cams	NISHI-F CO., LTD., (EX. ISHIHARA DOCKYARD, NISHI-NIPPON)	NS-series, SR-3-series	ISO / PAS 23678 (* See Note)
Lifeboat on load lift not over centre, up and down pins / collars	NISHI-F CO., LTD., (EX. ISHIHARA DOCKYARD, NISHI-NIPPON)	IHM 12-series, IHM 13-series	ISO / PAS 23678 (* See Note)
Fast Rescue Boat, single fall	NISHI-F CO., LTD., (EX. ISHIHARA DOCKYARD, NISHI-NIPPON)	FRP-series	ISO / PAS 23678 (* See Note)
Open lifeboat, twin fall	NISHI-F CO., LTD., (EX. ISHIHARA DOCKYARD, NISHI-NIPPON)	NF-series, NFA-series	ISO / PAS 23678 (* See Note)
Partially enclosed lifeboat, twin fall	NISHI-F CO., LTD., (EX. ISHIHARA DOCKYARD, NISHI-NIPPON)	PML-series	ISO / PAS 23678 (* See Note)
Totally enclosed lifeboat, freefall	NISHI-F CO., LTD., (EX. ISHIHARA DOCKYARD, NISHI-NIPPON)	FF-series	ISO / PAS 23678 (* See Note)
Totally enclosed lifeboat, twin fall, dry version	NISHI-F CO., LTD., (EX. ISHIHARA DOCKYARD, NISHI-NIPPON)	CML-series, EML-series, G-TR- series	ISO / PAS 23678 (* See Note)
Totally enclosed lifeboat, twin fall, tanker version	NISHI-F CO., LTD., (EX. ISHIHARA DOCKYARD, NISHI-NIPPON)	CML-series, EML-series, G-FR- series	ISO / PAS 23678 (* See Note)
Single arm Slewing	NMF	BPK-series, KD.2 series	ISO / PAS 23678 (* See Note)

Gravity single and twin fall outrigger	NOR DAVIT	PL-series	ISO / PAS 23678 (* See Note)
Twin Fall Gravity Pivoting / Luffing	NOR DAVIT	SDP-series	ISO / PAS 23678 (* See Note)
Twin Drum, gravity-lowering/electrically hoisting w / static brake cone / disk / pads / band / decent brake centrifugal w pads	NOR DAVIT	SP-series	ISO / PAS 23678 (* See Note)
Partially enclosed lifeboat, twin fall	NOREQ	LBP-series	ISO / PAS 23678 (* See Note)
Gravity single and twin fall outrigger	NOREQ (PALFINGER)	NRD-series	ISO / PAS 23678 (* See Note)
Single arm Slewing	NOREQ (PALFINGER)	SCH-series, SCH-R-series, SCHD-series, SCM-L-series, SCM-R-series	ISO / PAS 23678 (* See Note)
Single Fall Rescue / Fast Rescue Boat A Frame Hydraulic	NOREQ (PALFINGER)	NPD-series	ISO / PAS 23678 (* See Note)
Twin Fall Hydraulic / Pivoting / Luffing Gravity Lowering	NOREQ (PALFINGER)	NPD-series	ISO / PAS 23678 (* See Note)
Fast Rescue Boat Offload with On-Load Capability	NOREQ (PALFINGER)	JXN-3-series	ISO / PAS 23678 (* See Note)
Fast Rescue Boat, single fall	NOREQ (PALFINGER)	FRB-series	ISO / PAS 23678 (* See Note)
Rescue Boat, single fall	NOREQ (PALFINGER)	RRB-series	ISO / PAS 23678 (* See Note)
Totally enclosed lifeboat, freefall	NOREQ (PALFINGER)	LBF-series	ISO / PAS 23678 (* See Note)
Totally enclosed lifeboat, twin fall, tanker version	NOREQ (PALFINGER)	LBT-series	ISO / PAS 23678 (* See Note)
Single Drum, hydraulic-lowering/hydraulic hoisting	NOREQ (PALFINGER)	NW-series	ISO / PAS 23678 (* See Note)
Fast Rescue Boat, single fall	NORMAR	FRC-series	ISO / PAS 23678 (* See Note)
Rescue Boat, single fall	NORMAR	RESCUE-series	ISO / PAS 23678 (* See Note)
Totally enclosed lifeboat, freefall	NORMAR	JY-FF 4.9 TO 8.5C-series, JY-FF 4.9 TO 8.5T-series	ISO / PAS 23678 (* See Note)
Single Fall Rescue / Fast Rescue Boat A Frame Hydraulic	NORSAFE	NDA-series	ISO / PAS 23678 (* See Note)
Totally enclosed lifeboat	ONL	ON-LBT1/ON-LBT2	ISO / PAS 23678 (* See Note)
Totally enclosed lifeboat, freefall	ONL	ON-FFT21/FFC21	ISO / PAS 23678 (* See Note)
Rescue Boat	ONL	ON-HB01, ON-RRB6	ISO / PAS 23678 (* See Note)
On-Load Release Gear	ONL	ON-RH38/ON-RH1	ISO / PAS 23678 (* See Note)
Rescue boat / Davit Launched Liferaft / Lift over centre automatic	OPTIMUN MARINE	31-37KN-series	ISO / PAS 23678 (* See Note)
Free fall secondary hydraulic A Frame	ORIENTAL PRECISION	FD-series	ISO / PAS 23678 (* See Note)
Single arm Slewing	ORIENTAL PRECISION	RD-series, SHS-series	ISO / PAS 23678 (* See Note)
Single Fall Rescue / Fast Rescue Boat A Frame Hydraulic	ORIENTAL PRECISION	RD-series	ISO / PAS 23678 (* See Note)
Twin Fall Gravity Pivoting / Luffing	ORIENTAL PRECISION	DHA-series, DMA-series, HGD-series, HGK-series	ISO / PAS 23678 (* See Note)

Twin Fall Gravity Rollertrack	ORIENTAL PRECISION	RTD-series	ISO / PAS 23678 (* See Note)
Single drum Gravity lowering electric hoisting liferaft / rescue boat / static brake pad, cone, disk, eccentric cam / decent brake centrifugal pads	ORIENTAL PRECISION	RDW-series	ISO / PAS 23678 (* See Note)
Single Drum, hydraulic-lowering/hydraulic hoisting	ORIENTAL PRECISION	WL-series	ISO / PAS 23678 (* See Note)
Twin Drum, gravity-lowering/electrically hoisting w/holding static brakes with mechanically operated multiple disks friction pads / decent brake centrifugal w pads	ORIENTAL PRECISION	BWE-series, SWE-series	ISO / PAS 23678 (* See Note)
Free fall secondary hydraulic A Frame	ORIENTAL PRECISIONSEKIGAHA RA	SHS-series	ISO / PAS 23678 (* See Note)
Totally enclosed lifeboat, twin fall, dry version	OY FISKARS AB	TELB-series	ISO / PAS 23678 (* See Note)
Totally enclosed lifeboat, twin fall, tanker version	OY FISKARS AB	TELB-series	ISO / PAS 23678 (* See Note)
Free fall secondary hydraulic A Frame	PALFINGER	NPT-DF-series	ISO / PAS 23678 (* See Note)
Gravity freefall primary	PALFINGER	FF-series	ISO / PAS 23678 (* See Note)
Gravity single and twin fall outrigger	PALFINGER	FPG-series	ISO / PAS 23678 (* See Note)
Single Fall Rescue / Fast Rescue Boat A Frame Hydraulic	PALFINGER	SCH-R-series, SCM-L-series, SCM-R-series	ISO / PAS 23678 (* See Note)
Single or Twin Fall Lifeboat Rescue Boat / Fast Rescue Boat Telescopic Hydraulic	PALFINGER	NTD-series	ISO / PAS 23678 (* See Note)
Twin Fall Gravity Pivoting / Luffing	PALFINGER	NPT-series, VIP-series	ISO / PAS 23678 (* See Note)
Twin Fall Gravity Rollertrack	PALFINGER	NPT-series	ISO / PAS 23678 (* See Note)
Twin Fall Hydraulic / Pivoting / Luffing Gravity Lowering	PALFINGER	NPD-series, PFH-series	ISO / PAS 23678 (* See Note)
Devices For Activating Release: Central Release Unit	PALFINGER	NADIRO D.I.B.SERIES-series	ISO / PAS 23678 (* See Note)
Devices for activating release: Free Fall Hydraulic Primary and Secondary	PALFINGER	FFH-series, NPT-series	ISO / PAS 23678 (* See Note)
Fast rescue boat offload / Manual or automatic	PALFINGER	CAR-35F-series	ISO / PAS 23678 (* See Note)
Freefall Hydraulic / mechanical	PALFINGER	FFH-series	ISO / PAS 23678 (* See Note)
Rescue boat / Davit Launched Liferaft / Lift over centre automatic	PALFINGER	CAR 35-series	ISO / PAS 23678 (* See Note)
Rescue boat offload w. Onload capability	PALFINGER	RRH-series	ISO / PAS 23678 (* See Note)
Fast Rescue Boat, single fall	PALFINGER	FRSQ-series	ISO / PAS 23678 (* See Note)

Partially enclosed lifeboat, twin fall	PALFINGER	CTL-series, MPC-series, NPT-T- series	ISO / PAS 23678 (* See Note)
Rescue Boat, single fall	PALFINGER	RSQ-series	ISO / PAS 23678 (* See Note)
Totally enclosed lifeboat, freefall	PALFINGER	FF-series, NPT-FC-series, NPT-FF-series	ISO / PAS 23678 (* See Note)
Totally enclosed lifeboat, twin fall, dry version	PALFINGER	KISS-C-series, NPT-F-series	ISO / PAS 23678 (* See Note)
Totally enclosed lifeboat, twin fall, tanker version	PALFINGER	KISS-T-series, NPT-C-series	ISO / PAS 23678 (* See Note)
Twin Drum, gravity-lowering/electrically hoisting w/holding static brakes, multiple disks, hydraulically operated / decent brake hydraulic pump	PALFINGER	CW-series, W-series	ISO / PAS 23678 (* See Note)
Single arm Slewing	PELLEGRINI MARINE EQUIPMENT	CHCD 2,507+RLC 2.1/4.5-series, RLCseries	ISO / PAS 23678 (* See Note)
Twin Fall Gravity Pivoting / Luffing	PELLEGRINI MARINE EQUIPMENT	GRA-series	ISO / PAS 23678 (* See Note)
Single drum Gravity lowering electric hoisting liferaft / rescue boat / static brake pad, cone, disk, eccentric cam / decent brake centrifugal pads	PELLEGRINI MARINE EQUIPMENT	RLC-series	ISO / PAS 23678 (* See Note)
Twin Drum, gravity-lowering/electrically hoisting w / static brake cone /disk / pads / band / decent brake centrifugal w pads	PELLEGRINI MARINE EQUIPMENT	VAS 45 E-series	ISO / PAS 23678 (* See Note)
Freefall Hydraulic / mechanical	PESBO S.A	BSL-series	ISO / PAS 23678 (* See Note)
Totally enclosed lifeboat, freefall	PESBO S.A	BSL-series	ISO / PAS 23678 (* See Note)
Totally enclosed lifeboat, twin fall, dry version	PESBO S.A	BSC-series	ISO / PAS 23678 (* See Note)
Rescue boat offload lift over center	PEWAG	HK-series, HSK-series, HSWI-series	ISO / PAS 23678 (* See Note)
Free fall secondary hydraulic A Frame	QINGDAO BEIHAI SHIPBUILDING HEAVY INDUSTRY CO. LTD.	BD-FF-series	ISO / PAS 23678 (* See Note)
Gravity single and twin fall outrigger	QINGDAO BEIHAI SHIPBUILDING HEAVY INDUSTRY CO. LTD.	BD-PL-series	ISO / PAS 23678 (* See Note)
Single arm Slewing	QINGDAO BEIHAI SHIPBUILDING HEAVY INDUSTRY CO. LTD.	BD- SA-series, BD-SH-series	ISO / PAS 23678 (* See Note)
Single Fall Rescue / Fast Rescue Boat A Frame Hydraulic	QINGDAO BEIHAI SHIPBUILDING HEAVY INDUSTRY CO. LTD.	BD-AR-series	ISO / PAS 23678 (* See Note)
Twin Fall Gravity Pivoting / Luffing	QINGDAO BEIHAI SHIPBUILDING HEAVY INDUSTRY CO. LTD.	BD-PV-series	ISO / PAS 23678 (* See Note)

Devices For Activating Release: Central Release Unit	QINGDAO BEIHAI SHIPBUILDING HEAVY INDUSTRY CO. LTD.	BG-series	ISO / PAS 23678 (* See Note)
Devices For Activating Release: Hydrostatic Unit with Diaphragm	QINGDAO BEIHAI SHIPBUILDING HEAVY INDUSTRY CO. LTD.	BG-series	ISO / PAS 23678 (* See Note)
Freefall Hydraulic / mechanical	QINGDAO BEIHAI SHIPBUILDING HEAVY INDUSTRY CO. LTD.	BG-F-series	ISO / PAS 23678 (* See Note)
Lifeboat on load lift not over centre, flat to flat rotating cams	QINGDAO BEIHAI SHIPBUILDING HEAVY INDUSTRY CO. LTD.	BG-series	ISO / PAS 23678 (* See Note)
Rescue boat offload w. Onload capability	QINGDAO BEIHAI SHIPBUILDING HEAVY INDUSTRY CO. LTD.	BG-2R-series	ISO / PAS 23678 (* See Note)
Fast Rescue Boat, single fall	QINGDAO BEIHAI SHIPBUILDING HEAVY INDUSTRY CO. LTD.	BH-HR7-series, FRB-series	ISO / PAS 23678 (* See Note)
Partially enclosed lifeboat, twin fall	QINGDAO BEIHAI SHIPBUILDING HEAVY INDUSTRY CO. LTD.	BH10-series	ISO / PAS 23678 (* See Note)
Rescue Boat, single fall	QINGDAO BEIHAI SHIPBUILDING HEAVY INDUSTRY CO. LTD.	BH-R-series	ISO / PAS 23678 (* See Note)
Totally enclosed lifeboat, freefall	QINGDAO BEIHAI SHIPBUILDING HEAVY INDUSTRY CO. LTD.	BH-F-series	ISO / PAS 23678 (* See Note)
Totally enclosed lifeboat, twin fall, dry version	QINGDAO BEIHAI SHIPBUILDING HEAVY INDUSTRY CO. LTD.	BH-series	ISO / PAS 23678 (* See Note)
Totally enclosed lifeboat, twin fall, tanker version	QINGDAO BEIHAI SHIPBUILDING HEAVY INDUSTRY CO. LTD.	BH-series	ISO / PAS 23678 (* See Note)
Single drum Gravity lowering electric hoisting liferaft / rescue boat / static brake pad, cone, disk, eccentric cam / decent brake centrifugal pads	QINGDAO BEIHAI SHIPBUILDING HEAVY INDUSTRY CO. LTD.	BW-SC-series	ISO / PAS 23678 (* See Note)
Twin Drum, gravity-lowering/electrically hoisting w / static brake cone / disk / pads / band / decent brake centrifugal w pads	QINGDAO BEIHAI SHIPBUILDING HEAVY INDUSTRY CO. LTD.	BW-HL-series, BW-HR - series, BW-LL	ISO / PAS 23678 (* See Note)
Single Fall Rescue / Fast Rescue Boat A Frame Hydraulic	REDROCK	RDA-series	ISO / PAS 23678 (* See Note)
Single or Twin Fall Lifeboat Rescue Boat / Fast Rescue Boat	REDROCK	RDT-series	ISO / PAS 23678 (* See Note)

Telescopic Hydraulic			
Free fall secondary hydraulic A Frame	SEC (SHIPS EQUIPMENT CENTRE)	HP2 -series	ISO / PAS 23678 (* See Note)
Single arm Slewing	SEC (SHIPS EQUIPMENT CENTRE)	MS-series	ISO / PAS 23678 (* See Note)
Single drum Gravity lowering electric hoisting liferaft / rescue boat / static brake pad, cone, disk, eccentric cam / decent brake centrifugal pads	SEC (SHIPS EQUIPMENT CENTRE)	WL-series	ISO / PAS 23678 (* See Note)
Free fall secondary hydraulic A Frame	SEKIGAHARA	SF-series	ISO / PAS 23678 (* See Note)
Single arm Slewing	SEKIGAHARA	SSS-series	ISO / PAS 23678 (* See Note)
Twin Fall Gravity Pivoting / Luffing	SEKIGAHARA	SFA-series, SFB-series, SFP- series, SHSseries	ISO / PAS 23678 (* See Note)
Twin Fall Gravity Rollertrack	SEKIGAHARA	AT-series, STS-series	ISO / PAS 23678 (* See Note)
Twin Drum, gravity-lowering/electrically hoisting w/holding static brakes with mechanically operated multiple disks friction pads / decent brake centrifugal w pads	SEKIGAHARA	SNW-series, SWE-series	ISO / PAS 23678 (* See Note)
Rescue boat / Davit Launched Liferaft / Lift over centre automatic	SERVO SHIP S.L	200-series	ISO / PAS 23678 (* See Note)
Free fall secondary hydraulic A Frame	SERVO SHIP S.L	FFR-20-series	ISO / PAS 23678 (* See Note)
Single arm Slewing	SERVO SHIP S.L	PR4M1100HR-series	ISO / PAS 23678 (* See Note)
Rescue boat / Davit Launched Liferaft / Lift over centre automatic	SERVO SHIP S.L	200-series	ISO / PAS 23678 (* See Note)
Single Drum, hydraulic-lowering/hydraulic hoisting	SERVO SHIP S.L	FFRW 4500KG-series	ISO / PAS 23678 (* See Note)
Single arm Slewing	SEZAMOR	ZZ-ZOL-series, ZZ-ZOT-series	ISO / PAS 23678 (* See Note)
Rescue boat / Davit Launched Liferaft / Lift over centre automatic	SEZAMOR	HS-series	ISO / PAS 23678 (* See Note)
Rescue boat offload lift over center	SEZAMOR	HLR-series	ISO / PAS 23678 (* See Note)
Free fall secondary hydraulic A Frame	SHANGHAI HENGYUAN MARINE EQUIPMENT CORP.	FH-series	ISO / PAS 23678 (* See Note)
Single arm Slewing	SHANGHAI HENGYUAN MARINE EQUIPMENT CORP.	SAF-series	ISO / PAS 23678 (* See Note)
Devices For Activating Release: Central Release Unit	SHIGI SHIPBUILDING CO. LTD.	SRS-series, SZK30-series, SZK5- series	ISO / PAS 23678 (* See Note)
Devices For Activating Release: Hydrostatic Unit with Float	SHIGI SHIPBUILDING CO. LTD.	SRS-series, SZK30-series, SZK5- series	ISO / PAS 23678 (* See Note)
Lifeboat on load lift not over centre, flat to flat rotating cams	SHIGI SHIPBUILDING CO. LTD.	SRS-series	ISO / PAS 23678 (* See Note)

Lifeboat on load lift not over centre, up and down pins/collars	SHIGI SHIPBUILDING CO. LTD.	SZK-25M-series, SZK30-series, SZK5-series	ISO / PAS 23678 (* See Note)
Fast Rescue Boat, single fall	SHIGI SHIPBUILDING CO. LTD.	FRP-series	ISO / PAS 23678 (* See Note)
Open lifeboat, twin fall	SHIGI SHIPBUILDING CO. LTD.	SZGM-series, SZGO-series	ISO / PAS 23678 (* See Note)
Partially enclosed lifeboat, twin fall	SHIGI SHIPBUILDING CO. LTD.	SZP-series, SZPR-series	ISO / PAS 23678 (* See Note)
Rescue Boat, single fall	SHIGI SHIPBUILDING CO. LTD.	SZRS-series, VOX46-series	ISO / PAS 23678 (* See Note)
Totally enclosed lifeboat, freefall	SHIGI SHIPBUILDING CO. LTD.	FEL-series	ISO / PAS 23678 (* See Note)
Totally enclosed lifeboat, twin fall, dry version	SHIGI SHIPBUILDING CO. LTD.	SZBR-series	ISO / PAS 23678 (* See Note)
Totally enclosed lifeboat, twin fall, tanker version	SHIGI SHIPBUILDING CO. LTD.	SZTR-series	ISO / PAS 23678 (* See Note)
Single arm Slewing	SHIN MYUNG TECH	SMRB&LRD-FT-series, SMRBD-SID-series, SMRBD&LRD-series, SMRBD&PV-series	ISO / PAS 23678 (* See Note)
Free fall secondary hydraulic A Frame	STOCZNIA USTKA SP. Z O.O.	HZ-series	ISO / PAS 23678 (* See Note)
Gravity freefall primary	STOCZNIA USTKA SP. Z O.O.	PZ-series	ISO / PAS 23678 (* See Note)
Fast Rescue Boat, single fall	STOCZNIA USTKA SP. Z O.O.	FRB-series	ISO / PAS 23678 (* See Note)
Rescue Boat, single fall	STOCZNIA USTKA SP. Z O.O.	R-series, RIB-series	ISO / PAS 23678 (* See Note)
Totally enclosed lifeboat, freefall	STOCZNIA USTKA SP. Z O.O.	FFB-series	ISO / PAS 23678 (* See Note)
Totally enclosed lifeboat, twin fall, dry version	STOCZNIA USTKA SP. Z O.O.	Z-series	ISO / PAS 23678 (* See Note)
Devices For Activating Release: Central Release Unit	SURVITEC	SAFELAUNCH-series	ISO / PAS 23678 (* See Note)
Devices For Activating Release: Hydrostatic Unit with Diaphragm	SURVITEC	SAFELAUNCH-series	ISO / PAS 23678 (* See Note)
Lifeboat on load lift not over centre, forward or reverse curve to curve rotating cams	SURVITEC	SAFELAUNCH-series	ISO / PAS 23678 (* See Note)
Rescue boat / Davit Launched Liferaft / Lift over centre automatic	SURVITEC	SLA 3.5-series	ISO / PAS 23678 (* See Note)
Totally enclosed lifeboat, freefall	SURVITEC	FF-series	ISO / PAS 23678 (* See Note)
Totally enclosed lifeboat, twin fall, dry version	SURVITEC	SC-series	ISO / PAS 23678 (* See Note)
Totally enclosed lifeboat, twin fall, tanker version	SURVITEC	SC-series	ISO / PAS 23678 (* See Note)
Gravity single and twin fall outrigger	SURVIVAL SYSTEMS INT.	PL-series	ISO / PAS 23678 (* See Note)

Devices For Activating Release: Central Release Unit	SURVIVAL SYSTEMS INT.	SURESAFE-series, TRIPLE 5-series, TRIPLE 5 LX-series	ISO / PAS 23678 (* See Note)
Lifeboat on load lift over centre	SURVIVAL SYSTEMS INT.	SURESAFE-series, TRIPLE 5-series, TRIPLE 5 LX-series	ISO / PAS 23678 (* See Note)
Fast Rescue Boat, single fall	SURVIVAL SYSTEMS INT.	FRB-series	ISO / PAS 23678 (* See Note)
Totally enclosed lifeboat, single fall	SURVIVAL SYSTEMS INT.	CA-series	ISO / PAS 23678 (* See Note)
Single Drum Gravity lowering electric hoisting lifeboat / rescue boat / static brake pad, cone, disk, band / decent brake centrifugal pads	SURVIVAL SYSTEMS INT.	W-series	ISO / PAS 23678 (* See Note)
Free fall secondary hydraulic A Frame	TAIZHOU HAIHAO MARINE EQUIPMENT CO.,LTD	55KN-series	ISO / PAS 23678 (* See Note)
Single arm Slewing	TAIZHOU HAIHAO MARINE EQUIPMENT CO.,LTD	21KN BOAT / RAFT DAVIT-series	ISO / PAS 23678 (* See Note)
Single drum Gravity lowering electric hoisting liferaft / rescue boat / static brake pad, cone, disk, eccentric cam / decent brake centrifugal pads	TAIZHOU HAIHAO MARINE EQUIPMENT CO.,LTD	21KN-series	ISO / PAS 23678 (* See Note)
Single Drum, hydraulic-lowering hydraulic hoisting	TMA	TN/MW-series	ISO / PAS 23678 (* See Note)
Rescue boat / Davit Launched Liferaft / Lift over centre automatic	T-ISS	31-37 KN-series	ISO / PAS 23678 (* See Note)
Rescue boat / Davit Launched Liferaft / Lift over centre automatic	T-ISS BV	PX02-series, PX01-series	ISO / PAS 23678 (* See Note)
Rescue boat offload w. Onload capability	T-ISS BV	PX03-series	ISO / PAS 23678 (* See Note)
Devices For Activating Release: Central Release Unit	TSUNEISHI	43GS-1-series	ISO / PAS 23678 (* See Note)
Devices For Activating Release: Hydrostatic Unit with Diaphragm	TSUNEISHI	43GS-1-series	ISO / PAS 23678 (* See Note)
Lifeboat on load lift not over centre, up and down pins / collars	TSUNEISHI	43GS-1-series	ISO / PAS 23678 (* See Note)
Totally enclosed lifeboat, twin fall, dry version	TSUNEISHI	TL-TE-series	ISO / PAS 23678 (* See Note)
Totally enclosed lifeboat, twin fall, dry version	TSUNEISHI (KAMBARA RINGYO)	KL-TE-series	ISO / PAS 23678 (* See Note)
Totally enclosed lifeboat, twin fall, tanker version	TSUNEISHI (KAMBARA RINGYO)	KL-FP-series	ISO / PAS 23678 (* See Note)
Totally enclosed lifeboat, twin fall, dry version	TSUNEISHI (SANYO WORKS)	TE-series	ISO / PAS 23678 (* See Note)
Totally enclosed lifeboat, twin fall, tanker version	TSUNEISHI (SANYO WORKS)	FP-series	ISO / PAS 23678 (* See Note)
Single arm Slewing	TSUJI HEAVY INDUSTRIES	RP-series	ISO / PAS 23678 (* See Note)

Twin Fall Gravity Pivoting / Luffing	TSUJI HEAVY INDUSTRIES	H-series	ISO / PAS 23678 (* See Note)
Twin Fall Gravity Rollertrack	TSUJI HEAVY INDUSTRIES	T83-series, TC-series	ISO / PAS 23678 (* See Note)
Single drum Gravity lowering electric hoisting liferaft / rescue boat / static brake pad, cone, disk, eccentric cam / decent brake centrifugal pads	TSUJI HEAVY INDUSTRIES	TC-series	ISO / PAS 23678 (* See Note)
Twin Drum, gravity-lowering/electrically hoisting w / static brake cone /disk / pads / band / decent brake centrifugal w pads	TSUJI HEAVY INDUSTRIES	EB-series	ISO / PAS 23678 (* See Note)
Single Fall Rescue / Fast Rescue Boat A Frame Hydraulic	TTS (HYDRALIFT)	HL-series	ISO / PAS 23678 (* See Note)
Twin Fall Hydraulic / Pivoting / Luffing Gravity Lowering	TTS (HYDRALIFT)	HL9D-series	ISO / PAS 23678 (* See Note)
Single arm Slewing	ULSTEIN FAMA (FAMA GNIEW)	ZO-series, ZT-series	ISO / PAS 23678 (* See Note)
Single drum Gravity lowering electric hoisting liferaft / rescue boat / static brake pad, cone, disk, eccentric cam / decent brake centrifugal pads	ULSTEIN FAMA (FAMA GNIEW)	ER10B-series, ERM-series	ISO / PAS 23678 (* See Note)
Gravity single and twin fall outrigger	VANGUARDE	PL-series	ISO / PAS 23678 (* See Note)
Single arm Slewing	VANGUARDE	HS-series, MS-series, VS-series	ISO / PAS 23678 (* See Note)
Single Fall Rescue / Fast Rescue Boat A Frame Hydraulic	VANGUARDE	DH-series, PR-series, PRH-series	ISO / PAS 23678 (* See Note)
Twin Fall Gravity Pivoting / Luffing	VANGUARDE	LE-series, VL-series	ISO / PAS 23678 (* See Note)
Twin Fall Hydraulic / Pivoting / Luffing Gravity Lowering	VANGUARDE	PFH-series, SRH-series	ISO / PAS 23678 (* See Note)
Devices For Activating Release: Central Release Unit	VANGUARDE	C-SAFE-series, S-series	ISO / PAS 23678 (* See Note)
Devices For Activating Release: Hydrostatic Unit with Diaphragm	VANGUARDE	C-SAFE-series, S-series	ISO / PAS 23678 (* See Note)
Lifeboat on load lift not over centre, Curve to flat rotating cams	VANGUARDE	C-SAFE-series, S-series	ISO / PAS 23678 (* See Note)
Fast Rescue Boat, single fall	VANGUARDE	VG-FRK-series, VG-FRW-series	ISO / PAS 23678 (* See Note)
Rescue Boat, single fall	VANGUARDE	VG-DRS-series, VG-KR-series	ISO / PAS 23678 (* See Note)
Totally enclosed lifeboat, twin fall, dry version	VANGUARDE	VG-C-series	ISO / PAS 23678 (* See Note)
Totally enclosed lifeboat, twin fall, tanker version	VANGUARDE	VG-F-series, VG-HLB-series	ISO / PAS 23678 (* See Note)

Free fall secondary hydraulic A Frame	VERHOEF	FL-series	ISO / PAS 23678 (* See Note)
Devices for activating release: Free Fall Hydraulic Primary and Secondary	VERHOEF	TWISTLOCK-series	ISO / PAS 23678 (* See Note)
Freefall Hydraulic / mechanical	VERHOEF	TWISTLOCK-series	ISO / PAS 23678 (* See Note)
Single Drum, hydraulic-lowering/hydraulic hoisting	VERHOEF	FL 50-series	ISO / PAS 23678 (* See Note)
Single arm Slewing	VESTDAVIT	L-series	ISO / PAS 23678 (* See Note)
Single Fall Rescue / Fast Rescue Boat A Frame Hydraulic	VESTDAVIT	P-series, PAP-series, PAPH-series, PLseries, PLAR-series, PLD-series, PLI-series, PLP- series, PLR-series	ISO / PAS 23678 (* See Note)
Single or Twin Fall Lifeboat Rescue Boat / Fast Rescue Boat Telescopic Hydraulic	VESTDAVIT	TBD-series	ISO / PAS 23678 (* See Note)
Lifeboat on load lift over centre	VIKING (NADIRO)	DIB-series	ISO / PAS 23678 (* See Note)
Gravity freefall primary	VIKING (NORSAFE)	SW-series	ISO / PAS 23678 (* See Note)
Gravity single and twin fall outrigger	VIKING (NORSAFE)	A-series, C-series, D-series, NDC-series	ISO / PAS 23678 (* See Note)
Single arm Slewing	VIKING (NORSAFE)	NRC-R-series	ISO / PAS 23678 (* See Note)
Single Fall Rescue / Fast Rescue Boat A Frame Hydraulic	VIKING (NORSAFE)	NDA-series, NRB-series	ISO / PAS 23678 (* See Note)
Twin Fall Gravity Pivoting / Luffing	VIKING (NORSAFE)	E-series	ISO / PAS 23678 (* See Note)
Twin Fall Hydraulic / Pivoting / Luffing Gravity Lowering	VIKING (NORSAFE)	LH-series	ISO / PAS 23678 (* See Note)
Devices For Activating Release: Central Release Unit	VIKING (NORSAFE)	NADIRO D.I.B-series, TOR MK 1-series, TOR MK 2-series	ISO / PAS 23678 (* See Note)
Devices For Activating Release: Electronic Sensor	VIKING (NORSAFE)	NADIRO D.I.B-series	ISO / PAS 23678 (* See Note)
Devices for activating release: Free Fall Hydraulic Primary and Secondary	VIKING (NORSAFE)	GES-series, HRS-series, NFFH-series	ISO / PAS 23678 (* See Note)
Devices For Activating Release: Hydrostatic Unit with Diaphragm	VIKING (NORSAFE)	TOR MK 1-series, TOR MK 2-series	ISO / PAS 23678 (* See Note)
Fast Rescue boat offload	VIKING (NORSAFE)	K4-series	ISO / PAS 23678 (* See Note)
Freefall Hydraulic / mechanical	VIKING (NORSAFE)	HRS-series, NFFH-series	ISO / PAS 23678 (* See Note)
Lifeboat on load lift not over centre, flat to flat rotating cams	VIKING (NORSAFE)	TOR MK 1-series, TOR MK 2-series	ISO / PAS 23678 (* See Note)
Fast Rescue Boat, single fall	VIKING (NORSAFE)	MAGNUM-series, MAKO-series, MERLINseries	ISO / PAS 23678 (* See Note)
Partially enclosed lifeboat, twin fall	VIKING (NORSAFE)	MINIMA-series	ISO / PAS 23678 (* See Note)
Rescue Boat, single fall	VIKING (NORSAFE)	MAKO-series, MERLIN-series, MIDGETseries	ISO / PAS 23678 (* See Note)
Totally enclosed lifeboat, freefall	VIKING (NORSAFE)	JYN-series	ISO / PAS 23678 (* See Note)

Totally enclosed lifeboat, twin fall, dry version	VIKING (NORSAFE)	JYN-C-series, MAGGIE-C-series, MATILDA-C-series, MAUD-C-series, MAXIMA-C-series, MIRAM-C-series	ISO / PAS 23678 (* See Note)
Totally enclosed lifeboat, twin fall, tanker version	VIKING (NORSAFE)	JYN-T-series, MAGGIE-T-series, MATILDAT-series, MAUD-T-series, MAXIMA-Tseries, MIRAM-T-series	ISO / PAS 23678 (* See Note)
Single arm Slewing	VIKING (NORSAFE) (JIANGYIN)	NDSC-series, NDSC-R-series	ISO / PAS 23678 (* See Note)
Free fall secondary hydraulic A Frame	VIKING (NORSAFE) (JIANGYIN)	HD-series	ISO / PAS 23678 (* See Note)
Rescue Boat, single fall	VIKING (NORSAFE) (JIANGYIN)	MATRIX-series	ISO / PAS 23678 (* See Note)
Totally enclosed lifeboat, freefall	VIKING (NORSAFE) (JIANGYIN)	GES-series	ISO / PAS 23678 (* See Note)
Single Drum, hydraulic-lowering/hydraulic hoisting	VIKING (NORSAFE) (JIANGYIN)	HYD-FF-series	ISO / PAS 23678 (* See Note)
Fast Rescue Boat, single fall	VIKING NEUVISA	RR-40-series	ISO / PAS 23678 (* See Note)
Rescue Boat, single fall	WATERCRAFT (WATERCRAFT HELLAS)	4.9M-RB -series	ISO / PAS 23678 (* See Note)
Partially enclosed lifeboat, twin fall	WATERMAN OY	365-series, 367-series, 391-series, 393-series	ISO / PAS 23678 (* See Note)
Totally enclosed lifeboat, twin fall, tanker version	WATERMAN OY	351-series, 366-series, 366HRL-series, 368-series, 371-series, 371HR-series, 377-series, 379-series	ISO / PAS 23678 (* See Note)
Single drum Gravity lowering electric hoisting liferaft / rescue boat / static brake pad, cone, disk, eccentric cam / decent brake centrifugal pads	WELIN LAMBIE	5619-series, 9502-series, RBW-series	ISO / PAS 23678 (* See Note)
Twin Drum, gravity-lowering/electrically hoisting w / static brake cone /disk / pads / band / decent brake centrifugal w pads	WELIN LAMBIE	53-series, 55-series, 97-series	ISO / PAS 23678 (* See Note)
Single arm Slewing	WELIN LAMBIE	LRW-series, SARBE-series	ISO / PAS 23678 (* See Note)
Totally enclosed lifeboat, single fall	WHITTAKER	CA-series	ISO / PAS 23678 (* See Note)
Devices For Activating Release: Central Release Unit	WILLIAM MILLS	TITAN-series	ISO / PAS 23678 (* See Note)
Devices For Activating Release: Hydrostatic Unit with Diaphragm	WILLIAM MILLS	TITAN-series	ISO / PAS 23678 (* See Note)
Lifeboat Offload release lift over centre	WILLIAM MILLS	EMPRESS-series	ISO / PAS 23678 (* See Note)
Lifeboat on load lift not over centre, flat to flat rotating cams	WILLIAM MILLS	TITAN-series	ISO / PAS 23678 (* See Note)
Free fall secondary hydraulic A Frame	WUXI DONGWU	F55-70-series, NPT100F-series	ISO / PAS 23678 (* See Note)

Single arm Slewing	WUXI DONGWU	21 - 35KN-series, DCW210-series	ISO / PAS 23678 (* See Note)
Single Fall Rescue / Fast Rescue Boat A Frame Hydraulic	WUXI DONGWU	A30/H35-serie	ISO / PAS 23678 (* See Note)
Twin Fall Gravity Pivoting / Luffing	WUXI DONGWU	18KN-110KN-series	ISO / PAS 23678 (* See Note)
Twin Fall Gravity Rollertrack	WUXI DONGWU	25KN -30KN-series	ISO / PAS 23678 (* See Note)
Twin Drum, gravity-lowering/electrically hoisting w/holding static brakes with mechanically operated multiple disks friction pads / decent brake centrifugal w pads	WUXI DONGWU	DS/Z-series, DZ-series	ISO / PAS 23678 (* See Note)
Single arm Slewing	WUXI HAIHONG BOAT MAKING CO., LTD	23KN-series	ISO / PAS 23678 (* See Note)
Open lifeboat, twin fall	WUXI HAIHONG BOAT MAKING CO., LTD	BH-series, BJ-series	ISO / PAS 23678 (* See Note)
Rescue Boat, single fall	WUXI HAIHONG BOAT MAKING CO., LTD	JG-series	ISO / PAS 23678 (* See Note)
Totally enclosed lifeboat, freefall	WUXI HAIHONG BOAT MAKING CO., LTD	HH-FC-series, HH-FF-series	ISO / PAS 23678 (* See Note)
Totally enclosed lifeboat, twin fall, dry version	WUXI HAIHONG BOAT MAKING CO., LTD	HH-C-series, HH-CS-series	ISO / PAS 23678 (* See Note)
Totally enclosed lifeboat, twin fall, tanker version	WUXI HAIHONG BOAT MAKING CO., LTD	HH-T-series, HH-TS-series	ISO / PAS 23678 (* See Note)
Gravity single and twin fall outrigger	WUXI HUAHAI	PD-series	ISO / PAS 23678 (* See Note)
Single arm Slewing	WUXI HUAHAI	HMB-series	ISO / PAS 23678 (* See Note)
Single Fall Rescue / Fast Rescue Boat A Frame Hydraulic	WUXI HUAHAI	HMDA-series	ISO / PAS 23678 (* See Note)
Twin Fall Gravity Pivoting / Luffing	WUXI HUAHAI	HMD-series	ISO / PAS 23678 (* See Note)
Twin Drum, gravity-lowering/electrically hoisting w/holding static brakes with mechanically operated multiple disks friction pads / decent brake centrifugal w pads	WUXI HUAHAI	HMW-series	ISO / PAS 23678 (* See Note)
Rescue boat / Davit Launched Lifteraft / Lift over centre automatic Rescue boat offload w. Onload capability	WUXI MINGZI MACHINERY MANUF.	25KN-series, 31-37 KN-series 15KN-series	ISO / PAS 23678 (* See Note)
Free fall secondary hydraulic A Frame Single arm Slewing Single Fall Rescue / Fast Rescue Boat A Frame Hydraulic Twin Fall Gravity Pivoting / Luffing Twin Fall Gravity Rollertrack	WUXI SHENGOU	S MDF-series SMC-series, SMD-series HMDA-series SHMDL-series SMD-series	ISO / PAS 23678 (* See Note)

Fast Rescue Boat Offload with On-Load Capability Fast Rescue Boat, single fall Open lifeboat, twin fall Rescue Boat, single fall Totally enclosed lifeboat, freefall Totally enclosed lifeboat, twin fall, dry version Totally enclosed lifeboat, twin fall, tanker version	WUXI WENJIAO	HK-series WJ-RA-series, WJ-RB-series BH-series, BJ-series, WJ-series BH-series, BJ-series, WJ-series WJ-series WJFF-series, WJFFC-series WJBC-series WJBF-series	ISO / PAS 23678 (* See Note)
Rescue boat / Davit Launched Liferaft / Lift over centre automatic Rescue boat offload w. Onload capability	WUXI XINGSHENG	XS-series XS15-series	ISO / PAS 23678 (* See Note)
In board	YAMAHA	25 HP-series	ISO / PAS 23678 (* See Note)
Twin Fall Gravity Pivoting / Luffing Twin Drum, gravity-lowering/electrically hoisting w / static brake cone /disk / pads / band / decent brake centrifugal w pads	YOUNGNAM MACHINERY CO. LTD	YNBD-series YNBW-series	ISO / PAS 23678 (* See Note)
Single drum Gravity lowering electric hoisting liferaft / rescue boat / static brake pad, cone, disk, eccentric cam / decent brake centrifugal pads	ZHENJIANG DH MARINE EQUIPMENT CO. LTD	DW-series	ISO / PAS 23678 (* See Note)
Rescue Boat, single fall Totally enclosed lifeboat, freefall Totally enclosed lifeboat, twin fall, dry version Totally enclosed lifeboat, twin fall, tanker version	ZHENJIANG HENGXIN SHIP EQUIPMENTS CO.,LTD	GJ-series BCFC-series, BCFF-series, FL-C-series, FLF-series BCF-series BCC-series	ISO / PAS 23678 (* See Note)
Twin Fall Gravity Pivoting / Luffing	ZHEJIANG TAIZHOU WANTONG MARINE MACHINERY CO LTD	YSJ-series	ISO / PAS 23678 (* See Note)
Rescue Boat Fast Rescue Boat Lifeboat Free Fall Lifeboat Davit	ZHENJIANG JUST MARINE EQUIPMENT CO. LTD	ZJM40R, ZJM45R ZJM618 ZJM50C, ZJM57C, ZJM65C, ZJM75C, ZJM75F ZJM59FC, ZJM59FF, ZJM66FC, ZJM66FF SA21, SA23, SA30, FR21, FR30, L40, L57, L67, L90, PA65, PA85, FH70, FH90	ISO / PAS 23678 (* See Note)
Free fall secondary hydraulic A Frame Gravity single and twin fall outrigger Single arm Slewing Twin Fall Gravity Pivoting / Luffing Twin Fall Hydraulic / Pivoting / Luffing Gravity Lowering In board	ZHENJIANG MARINE AUXILIARY MACHINERY WORKS	FH-series PL-series HDCL-series, SAFC-series, SAW30-series, ZF- series L-series SRH-series 380J-3-series HK40-series HK-series YH-FRB-series	ISO / PAS 23678 (* See Note)

Fast Rescue boat offload w. Onload capability Lifeboat on load lift not over centre, Curve to flat rotating cams Fast Rescue Boat, single fall Rescue Boat, single fall Totally enclosed lifeboat, freefall Totally enclosed lifeboat, twin fall, dry version Totally enclosed lifeboat, twin fall, tanker version Single Drum, hydraulic- lowering/hydraulic hoisting Twin Drum, gravity- lowering/electrically hoisting w/holding static brakes with mechanically operated multiple disks friction pads / decent brake centrifugal w pads		YH-FRA-series, YH-R- series YH-series YH-QFP-series YH-DR-series Saw30-series DP-series, DP-series	
Single Fall Rescue / Fast Rescue Boat A Frame Hydraulic Single Drum, hydraulic- lowering/hydraulic hoisting	ZHENJIANG WEST MARINE EQUIPMENT CO., LTD	WME-LRH35-series WME-LRH35-series	ISO / PAS 23678 (* See Note)
Fast Rescue Boat, single fall Rescue Boat, single fall	ZODIAC (SURVITEC)	ZODIAC (SURVITEC)	ISO / PAS 23678 (* See Note)
Rescue Boat, single fall	ZODIAC HURRICANE	H561 PROLUXE-series	ISO / PAS 23678 (* See Note)
Single Drum, hydraulic- lowering/hydraulic hoisting	ZOLLERN	A2FM45-61A-series, ZPH- series, ZRseries	ISO / PAS 23678 (* See Note)

2- Certified Quality System in accordance with ISO 9000 series: ☒ Yes ☐ No

3- List of Subsidiaries / Agents covered by this certificate

4- Condition for the validity of the certificate of approval

The certification is valid insofar as the inspection duties are actually assumed by personnel of the Supplier who has been assessed by the Society.

The Society reserves the right to invalidate this certificate of approval in case :

- Where the service was improperly carried out or the results were improperly reported .
- Where a Surveyor finds deficiencies in the approval service operating system of the supplier and appropriate corrective action is not taken.
- Where alterations have been made to the Company's Quality System relevant to the service supplier certificates , without written notification to the Society.
- Where the periodic audit, if requested, has not been carried out.
- Where wilful acts or omissions are ascertained.
- Where any deliberate misrepresentation has been made by the Service Supplier.

5- Other conditions

Note: The acceptance of this service supplier on board a given ship, for which personal are certified in accordance with ISO 23678:2022, is subjected to the ship's flag state policy. ISO / PAS 23678 (See Note)

6- Endorsement where an intermediate audit has been performed

Signed:

(Surveyor to BUREAU VERITAS MARINE & OFFSHORE)

Place:

Date:

