

CERTIFICATE OF APPROVAL OF SERVICE SUPPLIER

CERTIFICATE NO. SSU009122XU

This is to certify that

PFC Marine Ltd

Unit 8 Seaview Industrial Estate Horden County Durham
SR8 4TQ Peterlee UNITED KINGDOM

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

- N - Maintenance, thorough examination, operational testing,
overhaul and repair of lifeboats and rescue boats, launching
appliances and release gear**
- D - Inspection and maintenance of fire extinguishing equipment
and systems**
- H - Inspection and maintenance of self-contained breathing
apparatus**

Date of the audit: **19 Jun 2023**
Issued in **SOUTHAMPTON**
on **15 Nov 2023**

This Certificate is valid from the date of the audit until
18 Jun 2026

This certificate consists of this sheet plus an attachment.



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

Mehmet Gokhan UGURAL
RINA Services S.p.A.



RINA Services S.p.A.
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Tel. +39 010 53851
Fax +39 010 5351000

ATTACHMENT TO CERTIFICATE NO. SSU009122XU

VALIDITY CONDITIONS

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

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

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

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

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

General conditions for the approval

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



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Mehmet Gokhan UGURAL

RINA Services S.p.A.



Annex N

List of makes and types of equipment

Attached to Certificate No. 2022/XU/01/91

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

MAKE	TYPE acc. to ISO/PAS 23678	MODEL/SERIES
FASSMER	Davit launched totally enclosed Lifeboats	GMR5.9
FASSMER	Davit launched totally enclosed Lifeboats	TGMR 5.9
FASSMER	Davit launched totally enclosed Lifeboats	GMR 6.5
FASSMER	Davit launched totally enclosed Lifeboats	TGMR 6.5
FASSMER	Davit launched totally enclosed Lifeboats	GMR 7.4
FASSMER	Davit launched totally enclosed Lifeboats	TGMR 7.4
FASSMER	Davit launched totally enclosed Lifeboats	GMR 8.3
FASSMER	Davit launched totally enclosed Lifeboats	TGMR 8.3
FASSMER	Davit launched totally enclosed Lifeboats	CLR-C 5.9
FASSMER	Davit launched totally enclosed Lifeboats	CLR-T: 5.9
FASSMER	Davit launched totally enclosed Lifeboats	CLR-C 6.4
FASSMER	Davit launched totally enclosed Lifeboats	CLR-T 6.4
FASSMER	Davit launched totally enclosed Lifeboats	CLR-C 6.8
FASSMER	Davit launched totally enclosed Lifeboats	CLR-T 6.8
FASSMER	Davit launched totally enclosed Lifeboats	CLR-G 7.2
FASSMER	Davit launched totally enclosed Lifeboats	CLR-T 7.2
FASSMER	Davit launched totally enclosed Lifeboats	CLR-C 7.6
FASSMER	Davit launched totally enclosed Lifeboats	CLR-T 7.6
FASSMER	Davit launched totally enclosed Lifeboats	CLR-C 8.1
FASSMER	Davit launched totally enclosed Lifeboats	CLR-T 8.1
FASSMER	Davit launched totally enclosed Lifeboats	CLR-C 8.5
FASSMER	Davit launched totally enclosed Lifeboats	CLR-T 8.5
FASSMER	Davit launched totally enclosed Lifeboats	CL-C 8.9
FASSMER	Davit launched totally enclosed Lifeboats	CL-T: 8.9
FASSMER	Davit launched totally enclosed Lifeboats	CL-C 9.4
FASSMER	Davit launched totally enclosed Lifeboats	CL-T 9.4
FASSMER	Davit launched totally enclosed Lifeboats	CL-C 9.8
FASSMER	Davit launched totally enclosed Lifeboats	CL-T 9.8
FASSMER	Davit launched totally enclosed Lifeboats	CL-C 10.2
FASSMER	Davit launched totally enclosed Lifeboats	CL-T 10.2



Annex N

List of makes and types of equipment

FASSMER	Davit launched totally enclosed Lifeboats	CL-C 10.7
FASSMER	Davit launched totally enclosed Lifeboats	CL-T 10.7
FASSMER	Davit launched totally enclosed Lifeboats	CL-C 11.1
FASSMER	Davit launched totally enclosed Lifeboats	CL-T 11.1
FASSMER	Davit launched totally enclosed Lifeboats	CL-C 11.5
FASSMER	Davit launched totally enclosed Lifeboats	CL-T 11.5
FASSMER	Davit launched totally enclosed Lifeboats	CL-G 11.9
FASSMER	Davit launched totally enclosed Lifeboats	CL-T 11.9
FASSMER	Davit launched totally enclosed Lifeboats	CL-C 12.4
FASSMER	Davit launched totally enclosed Lifeboats	CL-T 12.4
FASSMER	Davit launched totally enclosed Lifeboats	CL-C 12.8
FASSMER	Davit launched totally enclosed Lifeboats	CL-T 12.8
FASSMER	Davit launched totally enclosed Lifeboats	CL-C 13.2
FASSMER	Davit launched totally enclosed Lifeboats	CL-T 13.2
FASSMER	Davit launched totally enclosed Lifeboats	CLX 8.5
FASSMER	Davit launched totally enclosed Lifeboats	CLX 10.0
FASSMER	Davit launched totally enclosed Lifeboats	CLX 11.7
FASSMER	Davit launched totally enclosed Lifeboats	CLX 12.8
FASSMER	Freefall Lifeboat	CFL 4.9
FASSMER	Freefall Lifeboat	CFL-T 4.9
FASSMER	Freefall Lifeboat	GAR 6.0
FASSMER	Freefall Lifeboat	GAR-T 6.0
FASSMER	Freefall Lifeboat	GAR 6.8
FASSMER	Freefall Lifeboat	GAR-T 6.8
FASSMER	Freefall Lifeboat	GAR 6.7
FASSMER	Freefall Lifeboat	GAT-T 6.7
FASSMER	Freefall Lifeboat	GAR 7.4
FASSMER	Freefall Lifeboat	GAR-T 7.4
FASSMER	Freefall Lifeboat	GAR 8.1
FASSMER	Freefall Lifeboat	GAR-T 8.1
FASSMER	Freefall Lifeboat	GAR 7.7
FASSMER	Freefall Lifeboat	GAR-T 7.7
FASSMER	Freefall Lifeboat	GAR 8.5
FASSMER	Freefall Lifeboat	GAR-T 8.5
FASSMER	Freefall Lifeboat	CKL-C 66
FASSMER	Freefall Lifeboat	CFL-T 66
FASSMER	Freefall Lifeboat	CFL-C 78
FASSMER	Freefall Lifeboat	CFL-T 72
FASSMER	Freefall Lifeboat	CFL-G 77
FASSMER	Freefall Lifeboat	CFL-T 77
FASSMER	Freefall Lifeboat	CFL-C 83



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List of makes and types of equipment

FASSMER	Partially Enclosed Lifeboats	CL-P 5.9
FASSMER	Partially Enclosed Lifeboats	CL-P 6.4
FASSMER	Partially Enclosed Lifeboats	CL-P 6.8
FASSMER	Partially Enclosed Lifeboats	CL-P 7.2
FASSMER	Partially Enclosed Lifeboats	CL-P 7.6
FASSMER	Partially Enclosed Lifeboats	CL-P 8.1
FASSMER	Partially Enclosed Lifeboats	CL-P 8.5
FASSMER	Partially Enclosed Lifeboats	CL-P 8.9
FASSMER	Partially Enclosed Lifeboats	CL-P 9.4
FASSMER	Partially Enclosed Lifeboats	CL-P 9.8
FASSMER	Partially Enclosed Lifeboats	CL-P 10.2
FASSMER	Partially Enclosed Lifeboats	CL-P 10.7
FASSMER	Partially Enclosed Lifeboats	GL-P 11.1
FASSMER	Partially Enclosed Lifeboats	CL-P 11.5
FASSMER	Partially Enclosed Lifeboats	CL-P 11.9
FASSMER	Partially Enclosed Lifeboats	CL-P 12.4
FASSMER	Partially Enclosed Lifeboats	CL-P 12.8
FASSMER	Partially Enclosed Lifeboats	CL-P 13.2
FASSMER	Partially Enclosed Lifeboats	SEL 8.15
FASSMER	Partially Enclosed Lifeboats	SEL 8.8
FASSMER	Partially Enclosed Lifeboats	SEL 9.6
FASSMER	Partially Enclosed Lifeboats	SEL 10.5
FASSMER	Partially Enclosed Lifeboats	SEL 10.55
FASSMER	Partially Enclosed Lifeboats	SEL 1.80
FASSMER	Partially Enclosed Lifeboats	SEL 12.5
FASSMER	Partially Enclosed Lifeboats	SEL-R 8.15
FASSMER	Partially Enclosed Lifeboats	SEL 15.75
FASSMER	Partially Enclosed Lifeboats	SEL-T 10.75
FASSMER	Partially Enclosed Lifeboats - Tenderboats	TL Limo 1100
FASSMER	Partially Enclosed Lifeboats - Tenderboats	TEL-T 11.0
FASSMER	Partially Enclosed Lifeboats - Tenderboats	SEL-T 11.7
FASSMER	Partially Enclosed Lifeboats - Tenderboats	SEL-T 12.3
FASSMER	Partially Enclosed Lifeboats - Tenderboats	SEL-T 14.0
FASSMER	Partially Enclosed Lifeboats - Tenderboats	SEL-T 14.7
FASSMER	Partially Enclosed Lifeboats - Tenderboats	SEL-T 15.75
FASSMER	Partially Enclosed Lifeboats - Tenderboats	PLL 1099
FASSMER	Partially Enclosed Lifeboats - Tenderboats	PLT-EVO 170
FASSMER	Partially Enclosed Lifeboat, Tenderboat and Rescueboat	SEL-RT 7.7
FASSMER	Partially Enclosed Lifeboat, Tenderboat and Rescueboat	SEL-RT 7.5
FASSMER	Partially Enclosed Lifeboat, Tenderboat and Rescueboat	SEL-RT 8.5
FASSMER	Partially Enclosed Life- and Crew Tenderboats	SEL 11.0 (-T)



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List of makes and types of equipment

FASSMER	Partially Enclosed Life-/Rescue-/Work-/Tender-Boats	SEL-R 7.4
FASSMER	Partially Enclosed Life-/Rescue-/Work-/Tender-Boats	SEL-R 8.5
FASSMER	High-Performance Tender	SFB 10.1
Rescue Boats / Fast Rescue Boats		
FASSMER	Rigid Rescueboat	RR 4.2
FASSMER	Rigid Rescueboat	RR 4.2-M
FASSMER	Rigid Rescueboat	RR 4,5 ID
FASSMER	Rescueboat	RIR 625 ID
FASSMER	Fast Rigid Rescueboat	FR (I)R 6.1
FASSMER	Fast Rigid Rescueboat	FR (I)R 6.1 ID
FASSMER	Fast Rigid Rescueboat	FRR 6.2 ID
FASSMER	Fast Rigid Rescueboat	FRR 6.5 ID-SF
FASSMER	Fast Rigid Rescueboat	FRR 6.6 ID
FASSMER	Fast Rigid Rescueboat	FRR 7.0 ID-SF
FASSMER	Fast Rigid Rescueboat	FRIR 6.25
FASSMER	Fast Rigid Rescueboat	FRR 7.0
Onload Release Gears; Lifeboat Release and Retrieval Systems		
FASSMER	Freefall Lifeboat Release Mechanism	FFRU 6.6
FASSMER	Offload rescue boat hook	FOH 27
FASSMER	Offload rescue boat hook	FOH 30
FASSMER	Offload rescue boat hook	FOH 70
FASSMER	Onload release gear	Duplex 25E2
FASSMER	Onload release gear	Duplex 2.5E
FASSMER	onload release gear	Duplex 50E2
FASSMER	onload release gear	Duplex 5.0E
FASSMER	onload release gear	Duplex 60E2
FASSMER	onload release gear	Duplex 6.6E
FASSMER	onload release gear	Duplex 10E
FASSMER	onload release gear	Duplex 140E2
FASSMER	onload release gear	Duplex 14E
FASSMER	onload release gear	Duplex 17E
FASSMER	onload release gear	Duplex 180E2
FASSMER	onload release gear	Duplex 230E2
FASSMER	onload release gear	Duplex 23E
Davits/ Cranes		
FASSMER	Fassmer Hydraulic Davit	FHD 80
FASSMER	Fassmer Hydraulic Davit	FHD 100
FASSMER	Fassmer Hydraulic Davit	FHD 120
FASSMER	Fassmer Hydraulic Davit	FHD 130
FASSMER	Fassmer Hydraulic Davit	FHD 150
FASSMER	Fassmer Hydraulic Davit	FHD 170



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List of makes and types of equipment

FASSMER	Fassmer Hydraulic Davit	FHD 172
FASSMER	Fassmer Hydraulic Davit	FHD 280
FASSMER	Fassmer Hydraulic Davit	FHD 450
FASSMER	Hinged Davit	FHDY 100
FASSMER	Freefall Davit	FFH 45
FASSMER	Freefall Davit	FFH 65
FASSMER	Pivot Davit	FPD 55
FASSMER	Pivot Davit	FPD 60
FASSMER	Pivot Davit	FPD 100
FASSMER	Pivot Davit	FPD 80
FASSMER	Pivot Davit	FPD 120
FASSMER	Pivot Davit	FPD 150
FASSMER	Pivot Davit	FPD 170
FASSMER	Pivot Davit	FFD D60
FASSMER	Freefall Davit	FFH 49
FASSMER	Freefall Davit	FFH 50
FASSMER	Freefall Davit	FFH 60
FASSMER	Freefall Davit	FFH 66
FASSMER	Freefall Davit	FFH 70
FASSMER	Freefall Davit	FFH 72
FASSMER	Freefall Davit	FFH 75
FASSMER	Freefall Davit	FFH 77
FASSMER	Freefall Davit	FFH 80
FASSMER	Freefall Davit	FFH 83
FASSMER	Freefall Davit	FFH 85
FASSMER	Freefall Davit	FFH 90
FASSMER	Freefall Ramp	FLR 49
FASSMER	Freefall Ramp	FLR 66
FASSMER	Freefall Ramp	FLR 8005
FASSMER	Freefall Ramp	FLR 8006
FASSMER	Freefall Ramp	FLR 8007
FASSMER	Multi Pivot Davit	FMPD 100
FASSMER	Multi Pivot Davit	FMPD 130
FASSMER	Multi Pivot Davit	FMPD 150
FASSMER	Multi Pivot Davit	FMPD 160
FASSMER	Outrigger davit	FOD 100
FASSMER	Outrigger davit	FOD 120
FASSMER	Outrigger davit	FOD 130
FASSMER	Outrigger davit	FOD 150
FASSMER	Outrigger davit	FOD i70
FASSMER	Outrigger davit	FOD 190



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List of makes and types of equipment

FASSMER	Outrigger davit	FOD 40R
FASSMER	Outrigger davit	FOD 50
FASSMER	Outrigger davit	FOD 55
FASSMER	Outrigger davit	FOD 80
FASSMER	Outrigger davit	FOD LBC 300
FASSMER	Outrigger davit	FOD SAR 40
FASSMER	Outrigger davit	FOD-R 22
FASSMER	Outrigger davit	FOD•R 23
FASSMER	Outrigger davit	FOD-R 2S
FASSMER	Outrigger davit	FOD-R 40
FASSMER	Outrigger davit	FOD TC 450
FASSMER	Rescue Boat Davit	FOSV 71
FASSMER	ReScue Boat Davit	FSAH 22
FASSMER	Rescue Boat Crane	FSAH 28
FASSMER	Rescue Boat Crane	FSAH 32
FASSMER	Rescueboat Crane	FSAR i2/3.5
FASSMER	Rescue Boat Crane	FSAR 14/2.9
FASSMER	Rescue Boat Crane	FSAR 14/3.5
FASSMER	Rescue Boat / Liferaft Crane	FSARR 14/3.5
FASSMER	Rescueboat Crane	FSAR 21/4.0
FASSMER	Rescueboat Crane	FSAR Z1/4.5
FASSMER	Rescue Boat / Liferaft Crane	FSARR 21/3.8
FASSMER	Rescue Boat / Liferaft Crane	FSARR 21/4.0
FASSMER	Rescue Boat / Liferaft Crane	FSARR 21/4.3
FASSMER	Rescueboat Crane	FSAR 22/4.5
FASSMER	Rescue Boat / Liferaft Crane	FSARR 22/4.0
FASSMER	Rescue Boat Crane	FSAR 28
FASSMER	Rescue Boat Crane	FSAR 40
FASSMER	FRC crane	PRHE 30
FASSMER	Fassmer Winch	DEW 40
FASSMER	Fassmer Winch	DEW 85
FASSMER	Fassmer Winch	DEW 2000
FASSMER	Fassmer Winch/ rescue boat crane	NEW 8
FASSMER	Fassmer WinchJ rescue boat crane	FWD 40 RB
FASSMER	Fassmer Winch/ rescue boat crane	DEW 150
FASSMER	Fassmer Freefall Winch	FFWH
GURDESAN GEMI MAK. SAN. VE TIC. AS	Rescue Boat & Liferaft Davit	GD.RRS 15/3.5
GURDESAN GEMI MAK. SAN. VE TIC. A.S.	Rescue Boat & Liferaft Davit	GD.RRS 15/3.5A
GURDESAN GEMI MAK. SAN. VE TIC. A.S.	Rescue Boat & Liferaft Davit	GD.RRS 21/4.0



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List of makes and types of equipment

GURDESAN GEMI MAK. SAN. VE TIC. A.S.	Rescue Boat & Liferaft Davit	GD.RRS 25/4.0
GURDESAN GEMI MAK. SAN. VE TIC. A.S.	Rescue Boat & Liferaft Davit	GD.RRS 25A
GURDESAN GEMI MAK. SAN. VE TIC. A.S.	Rescue Boat & Liferaft Davit	GD.RRS 64A
GURDESAN GEMI MAK. SAN. VE TIC. A.S.	Rescue Boat & Liferaft Davit	GD.RRS 64B
GURDESAN GEMI MAK. SAN. VE TIC. A.S.	Rescue Boat & Liferaft Davit & Hose Handling Crane	GD.KHK 20/4-5-6-7-8-9-10
GURDESAN GEMI MAK. SAN. VE TIC. A.S.	Rescue Boat & Liferaft Davit & Hose Handling Crane	GD.KHK 30/6.5
GURDESAN GEMI MAK. SAN. VE TIC. A.S.	Rescue Boat & Liferaft Davit & Hose Handling Crane	GD.KHK 60/13.5
GURDESAN GEMI MAK. SAN. VE TIC. A.S.	Side Launching Davit	GD.GR 20
GURDESAN GEMI MAK. SAN. VE TIC. A.S.	Side Launching Davit	GD.GR 25
GURDESAN GEMI MAK. SAN. VE TIC. A.S.	Side Launching Davit	GD.GR 40
GURDESAN GEMI MAK. SAN. VE TIC. A.S.	Side Launching Davit	GD.GR 43
GURDESAN GEMI MAK. SAN. VE TIC. A.S.	Accommodation Ladder	GD.HBMA 30/50
GURDESAN GEMI MAK. SAN. VE TIC. A.S.	Accommodation Ladder	GD.HBMK 30/5-6-7-8
GURDESAN GEMI MAK. SAN. VE TIC. A.S.	Accommodation Ladder	GD.HBMK 40/5-6-7-8
GURDESAN GEMI MAK. SAN. VE TIC. A.S.	Accommodation Ladder	GD.HBMK 50/5-6-7-8
GURDESAN GEMI MAK. SAN. VE TIC. A.S.	Free Fall Davit	GD.FFD 10C
GURDESAN GEMI MAK. SAN. VE TIC. A.S.	Free Fall Davit	GD.FFD 12
GURDESAN GEMI MAK. SAN. VE TIC. A.S.	Free Fall Davit	GD.FFD 12Y
GURDESAN GEMI MAK. SAN. VE TIC. A.S.	Free Fall Davit	GD.FFD 15A
GURDESAN GEMI MAK. SAN. VE TIC. A.S.	Free Fall Davit	GD.FFD 18
GURDESAN GEMI MAK. SAN. VE TIC. A.S.	Free Fall Davit	GD.FFD 19
GURDESAN GEMI MAK. SAN. VE TIC. A.S.	Free Fall Davit	GD.FFD 19A
GURDESAN GEMI MAK. SAN. VE TIC.	Free Fall Davit	GD.FFD 19C
GURDESAN GEMI MAK. SAN. VE TIC. A.S.	Free Fall Davit	GD.FFD 19E
GURDESAN GEMI MAK. SAN. VE TIC. A.S.	Free Fall Davit	GD.FFD 20
GURDESAN GEMI MAK.	Free Fall Davit	GD.FFD 20B



Annex N

List of makes and types of equipment

SAN. VE TIC. A.S.		
GURDESAN GEMI MAK. SAN. VE TIC. A.S.	Free Fall Davit	GD.FFD 20Y
GURDESAN GEMI MAK. SAN. VE TIC. A.S.	Free Fall Davit	GD.FFD 21
GURDESAN GEMI MAK. SAN. VE TIC. A.S.	Free Fall Davit	GD.FFD 21Y
GURDESAN GEMI MAK. SAN. VE TIC. A.S.	Free Fall Davit	GD.FFD 22
GURDESAN GEMI MAK. SAN. VE TIC. A.S.	Free Fall Davit	GD.FFD 22Y
GURDESAN GEMI MAK. SAN. VE TIC. A.S.	Free Fall Davit	GD.FFD 25
GURDESAN GEMI MAK. SAN. VE TIC. A.S.	Free Fall Davit	GD.FFD 25A
GURDESAN GEMI MAK. SAN. VE TIC. A.S.	Free Fall Davit	GD.FFD 25B
GURDESAN GEMI MAK. SAN. VE TIC. A.S.	Free Fall Davit	GD.FFD 25C
GURDESAN GEMI MAK. SAN. VE TIC. A.S.	Free Fall Davit	GD.FFD 26
GURDESAN GEMI MAK. SAN. VE TIC. A.S.	Free Fall Davit	GD.FFD 28
GURDESAN GEMI MAK. SAN. VE TIC. A.S.	Free Fall Davit	GD.FFD 35
HENRIKSEN HOOKS (Annual Inspection)	Hooks	All Lifting Hooks
HLB Co., Ltd. (Ex. Hyundai Lifeboats)	Lifeboats & Rescue Boats	HD Series
HLB Co., Ltd. (Ex. Hyundai Lifeboats)	Lifeboats & Rescue Boats	HDL Series
HLB Co., Ltd. (Ex. Hyundai Lifeboats)	Lifeboats & Rescue Boats	HDB Series
HLB Co., Ltd. & BADA HI Co., Ltd.	Lifeboats & Rescue Boats	HDF Series
HLB Co., Ltd. & BADA HI Co., Ltd.	Lifeboats & Rescue Boats	HDFL Series
HLB Co., Ltd. & BADA HI Co., Ltd.	Lifeboats & Rescue Boats	HDFN Series
HLB Co., Ltd. & BADA HI Co., Ltd.	Lifeboats & Rescue Boats	HDR Series
HLB Co., Ltd. & BADA HI Co., Ltd.	Lifeboats & Rescue Boats	HDFR Series
HLB Co., Ltd. & BADA HI Co., Ltd.	Release Mechanism	BDR Series
HLB Co., Ltd. & BADA HI Co., Ltd.	Release Mechanism	BDA Series
HLB Co., Ltd. & BADA HI Co., Ltd.	Release Mechanism	BHR Series
BADA Heavy Industries Co. Ltd.(Ex. D.R.M)	Lifeboat Davits & Rescue Boat Davits	BDH Series



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BADA Heavy Industries Co. Ltd.(Ex. D.R.M)	Lifeboat Davits & Rescue Boat Davits	BDTD Series
BADA Heavy Industries Co. Ltd.(Ex. D.R.M)	Lifeboat Davits & Rescue Boat Davits	BDHP Series
BADA Heavy Industries Co. Ltd.(Ex. D.R.M)	Lifeboat Davits & Rescue Boat Davits	BDTW Series
BADA Heavy Industries Co. Ltd.(Ex. D.R.M)	Lifeboat Davits & Rescue Boat Davits	BDRW Series
BADA Heavy Industries Co. Ltd.(Ex. D.R.M)	Lifeboat Davits & Rescue Boat Davits	BDM Series
BADA Heavy Industries Co. Ltd.(Ex. D.R.M)	Lifeboat Davits & Rescue Boat Davits	BFOD Series
BADA Heavy Industries Co. Ltd.(Ex. D.R.M)	Lifeboat Davits & Rescue Boat Davits	HDFL Series
BADA Heavy Industries Co. Ltd.(Ex. D.R.M)	Lifeboat Davits & Rescue Boat Davits	HDF Series
BADA Heavy Industries Co. Ltd.(Ex. D.R.M)	Lifeboat Davits & Rescue Boat Davits	BDF Series
BADA Heavy Industries Co. Ltd.(Ex. D.R.M)	Lifeboat Davits & Rescue Boat Davits	BDR Series
BADA Heavy Industries Co. Ltd.(Ex. D.R.M)	Lifeboat Davits & Rescue Boat Davits	BDH Series
BADA Heavy Industries Co. Ltd.(Ex. D.R.M)	Lifeboat Davits & Rescue Boat Davits	BDA Series
BADA Heavy Industries Co. Ltd.(Ex. D.R.M)	Lifeboat Davits & Rescue Boat Davits	BDFA Series
BADA Heavy Industries Co. Ltd.(Ex. D.R.M)	Lifeboat Davits & Rescue Boat Davits	BDL Series
BADA Heavy Industries Co. Ltd.(Ex. D.R.M)	Lifeboat Davits & Rescue Boat Davits	BHI Series
BADA Heavy Industries Co. Ltd.(Ex. D.R.M)	Winch	BAW Series
BADA Heavy Industries Co. Ltd.(Ex. D.R.M)	Winch	BDF Series
BADA Heavy Industries Co. Ltd.(Ex. D.R.M)	Winch	BLW Series
BADA Heavy Industries Co. Ltd.(Ex. D.R.M)	Winch	BMW Series
BADA Heavy Industries Co. Ltd.(Ex. D.R.M)	Winch	BRW Series
BADA Heavy Industries Co. Ltd.(Ex. D.R.M)	Winch	BMW Series
BADA Heavy Industries Co. Ltd.(Ex. D.R.M)	Winch	BRW Series
BADA Heavy Industries Co. Ltd.(Ex. D.R.M)	Winch	BWL Series
BADA Heavy Industries Co. Ltd.(Ex. D.R.M)	Winch	FHW Series
BADA Heavy Industries Co. Ltd.(Ex. D.R.M)	Release Mechanism	BDR Series
BADA Heavy Industries	Release Mechanism	BHA Series



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List of makes and types of equipment

Co. Ltd.(Ex. D.R.M)		
BADA Heavy Endustries Co. Ltd.(Ex. D.R.M)	Release Mechanism	BHR Series
JIANGYINSHI BEIHAI LSA CO.,LTD.	Lifeboats	JYB Series
JIANGYINSHI BEIHAI LSA CO.,LTD.	Rescue Boats	SC Series
JIANGYINSHI BEIHAI LSA CO.,LTD.	Hooks (Release Gear)	JYBHK Series
JIANGYINSHI BEIHAI LSA CO.,LTD.	Davits (Launching Appliances)	SAC Series
JIANGYINSHI BEIHAI LSA CO.,LTD.	Davits (Launching Appliances)	SA Series
JIANGYINSHI BEIHAI LSA CO.,LTD.	Davits (Launching Appliances)	LA Series
JIANGYINSHI BEIHAI LSA CO.,LTD.	Davits (Launching Appliances)	LB Series
JIANGYINSHI BEIHAI LSA CO.,LTD.	Davits (Launching Appliances)	FAV Series
JIANGYINSHI BEIHAI LSA CO.,LTD.	Davits (Launching Appliances)	BHGH Series
JIANGYINSHI BEIHAI LSA CO.,LTD.	Davits (Launching Appliances)	PD Series
JIANGYINSHI BEIHAI LSA CO.,LTD.	Davits (Launching Appliances)	FRH Series
JIANGYINSHI BEIHAI LSA CO.,LTD.	Davits (Launching Appliances)	EHRD Series
JIANGYINSHI BEIHAI LSA CO.,LTD.	Davits (Launching Appliances)	SRH Series
JIANGYINSHI BEIHAI LSA CO.,LTD.	Davits (Launching Appliances)	BHGP Series
JIANGYINSHI BEIHAI LSA CO.,LTD.	Davits (Launching Appliances)	RB Series
JIANGYINSHI BEIHAI LSA CO.,LTD.	Davits (Launching Appliances)	HB Series
JIANGYINSHI BEIHAI LSA CO.,LTD.	Davits (Launching Appliances)	HDC Series
JIANGYINSHI BEIHAI LSA CO.,LTD.	Davits (Launching Appliances)	ESAD Series
QINGDAO BEIHAI Shipbuilding Heavy Industry Co., Ltd.	Total Enclosed Lifeboats	BH-5
QINGDAO BEIHAI Shipbuilding Heavy Industry Co., Ltd.	Total Enclosed Lifeboats	BH-5A
QINGDAO BEIHAI Shipbuilding Heavy Industry Co., Ltd.	Total Enclosed Lifeboats	BH-5S
QINGDAO BEIHAI Shipbuilding Heavy Industry Co., Ltd.	Total Enclosed Lifeboats	BH-5SA



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List of makes and types of equipment

QINGDAO BEIHAI Shipbuilding Heavy Industry Co., Ltd.	Total Enclosed Lifeboats	BH-E500
QINGDAO BEIHAI Shipbuilding Heavy Industry Co., Ltd.	Total Enclosed Lifeboats	BH-E585
QINGDAO BEIHAI Shipbuilding Heavy Industry Co., Ltd.	Total Enclosed Lifeboats	BH-6
QINGDAO BEIHAI Shipbuilding Heavy Industry Co., Ltd.	Total Enclosed Lifeboats	BH-6A
QINGDAO BEIHAI Shipbuilding Heavy Industry Co., Ltd.	Total Enclosed Lifeboats	BH-6S
QINGDAO BEIHAI Shipbuilding Heavy Industry Co., Ltd.	Total Enclosed Lifeboats	BH-E670
QINGDAO BEIHAI Shipbuilding Heavy Industry Co., Ltd.	Total Enclosed Lifeboats	BH-7A
QINGDAO BEIHAI Shipbuilding Heavy Industry Co., Ltd.	Total Enclosed Lifeboats	BH-7B
QINGDAO BEIHAI Shipbuilding Heavy Industry Co., Ltd.	Total Enclosed Lifeboats	BH-8
QINGDAO BEIHAI Shipbuilding Heavy Industry Co., Ltd.	Freefall Lifeboats	BH-F6.0
QINGDAO BEIHAI Shipbuilding Heavy Industry Co., Ltd.	Freefall Lifeboats	BH-F7.0A
QINGDAO BEIHAI Shipbuilding Heavy Industry Co., Ltd.	Freefall Lifeboats	BH-F7.8
QINGDAO BEIHAI Shipbuilding Heavy Industry Co., Ltd.	Freefall Lifeboats	BH-F8.1
QINGDAO BEIHAI Shipbuilding Heavy Industry Co., Ltd.	Freefall Lifeboats	BH-F5.8
QINGDAO BEIHAI Shipbuilding Heavy Industry Co., Ltd.	Freefall Lifeboats	BH-F6.8
QINGDAO BEIHAI Shipbuilding Heavy Industry Co., Ltd.	Freefall Lifeboats	BH-F660
QINGDAO BEIHAI Shipbuilding Heavy Industry Co., Ltd.	Freefall Lifeboats	BH-F670
QINGDAO BEIHAI Shipbuilding Heavy Industry Co., Ltd.	Freefall Lifeboats	BH-F750
QINGDAO BEIHAI Shipbuilding Heavy	Freefall Lifeboats	BH-F900A



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List of makes and types of equipment

Industry Co., Ltd.		
QINGDAO BEIHAI Shipbuilding Heavy Industry Co., Ltd.	Rescue Boats	BH-R4
QINGDAO BEIHAI Shipbuilding Heavy Industry Co., Ltd.	Rescue Boats	BH-R4S
QINGDAO BEIHAI Shipbuilding Heavy Industry Co., Ltd.	Rescue Boats	BH-R4SA
QINGDAO BEIHAI Shipbuilding Heavy Industry Co., Ltd.	Rescue Boats	BH-RR5S
QINGDAO BEIHAI Shipbuilding Heavy Industry Co., Ltd.	Gravity Pivot Davits	BD-PV50
QINGDAO BEIHAI Shipbuilding Heavy Industry Co., Ltd.	Gravity Pivot Davits	BD-PV60
QINGDAO BEIHAI Shipbuilding Heavy Industry Co., Ltd.	Gravity Pivot Davits	BD-PV60S
QINGDAO BEIHAI Shipbuilding Heavy Industry Co., Ltd.	Gravity Pivot Davits	BD-PV85
QINGDAO BEIHAI Shipbuilding Heavy Industry Co., Ltd.	Gravity Pivot Davits	BD-PV125
QINGDAO BEIHAI Shipbuilding Heavy Industry Co., Ltd.	Freefall Launching Davits	BD-FF55
QINGDAO BEIHAI Shipbuilding Heavy Industry Co., Ltd.	Freefall Launching Davits	BD-FF55A
QINGDAO BEIHAI Shipbuilding Heavy Industry Co., Ltd.	Freefall Launching Davits	BD-FF55R
QINGDAO BEIHAI Shipbuilding Heavy Industry Co., Ltd.	Freefall Launching Davits	BD-FF80
QINGDAO BEIHAI Shipbuilding Heavy Industry Co., Ltd.	Freefall Launching Davits	BD-FF80A
QINGDAO BEIHAI Shipbuilding Heavy Industry Co., Ltd.	Freefall Launching Davits	BD-FF80R
QINGDAO BEIHAI Shipbuilding Heavy Industry Co., Ltd.	Freefall Launching Davits	BD-FF80B
QINGDAO BEIHAI Shipbuilding Heavy Industry Co., Ltd.	Freefall Launching Davits	BD-FF65/66/67
QINGDAO BEIHAI Shipbuilding Heavy Industry Co., Ltd.	Freefall Launching Davits	BD-FF85
QINGDAO BEIHAI	Single Arm Davits	BD-SA14



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List of makes and types of equipment

Shipbuilding Heavy Industry Co., Ltd.		
QINGDAO BEIHAI Shipbuilding Heavy Industry Co., Ltd.	Single Arm Davits	BD-SA14A
QINGDAO BEIHAI Shipbuilding Heavy Industry Co., Ltd.	Single Arm Davits	BD-SA14B
QINGDAO BEIHAI Shipbuilding Heavy Industry Co., Ltd.	Single Arm Davits	BD-SA21
QINGDAO BEIHAI Shipbuilding Heavy Industry Co., Ltd.	Single Arm Davits	BD-SA21A
QINGDAO BEIHAI Shipbuilding Heavy Industry Co., Ltd.	Single Arm Davits	BD-SA23
QINGDAO BEIHAI Shipbuilding Heavy Industry Co., Ltd.	Single Arm Davits	BD-SA30
QINGDAO BEIHAI Shipbuilding Heavy Industry Co., Ltd.	Single Arm Davits	BD-SA30A
QINGDAO BEIHAI Shipbuilding Heavy Industry Co., Ltd.	Single Arm Davits	BD-SA33
QINGDAO BEIHAI Shipbuilding Heavy Industry Co., Ltd.	Single Arm Davits	BD-SH23
QINGDAO BEIHAI Shipbuilding Heavy Industry Co., Ltd.	Winches	BW-H(L/R)31
QINGDAO BEIHAI Shipbuilding Heavy Industry Co., Ltd.	Winches	BW-H(L/R)50
QINGDAO BEIHAI Shipbuilding Heavy Industry Co., Ltd.	Winches	BW-H(L/R)63
QINGDAO BEIHAI Shipbuilding Heavy Industry Co., Ltd.	Winches	BW-H(L/R)75
		BW-L(L/R)75
QINGDAO BEIHAI Shipbuilding Heavy Industry Co., Ltd.	Winches	BW-L(L/R)75
QINGDAO BEIHAI Shipbuilding Heavy Industry Co., Ltd.	Winches	BW-L(L/R)125
QINGDAO BEIHAI Shipbuilding Heavy Industry Co., Ltd.	Winches	SC14
QINGDAO BEIHAI Shipbuilding Heavy Industry Co., Ltd.	Winches	SC21
QINGDAO BEIHAI Shipbuilding Heavy	Winches	YSB20-120



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List of makes and types of equipment

Industry Co., Ltd.		
QINGDAO BEIHAI Shipbuilding Heavy Industry Co., Ltd.	Release Gear Mecanism for Gravity Lifeboat	BG-3,3L
QINGDAO BEIHAI Shipbuilding Heavy Industry Co., Ltd.	Release Gear Mecanism for Gravity Lifeboat	BG-7
QINGDAO BEIHAI Shipbuilding Heavy Industry Co., Ltd.	Release Gear Mecanism for Gravity Lifeboat	BH-HOOK3
QINGDAO BEIHAI Shipbuilding Heavy Industry Co., Ltd.	Release Gear Mecanism for Gravity Lifeboat	BH-HOOK5
QINGDAO BEIHAI Shipbuilding Heavy Industry Co., Ltd.	Release Gear Mecanism for Gravity Lifeboat	BH-FS5
QINGDAO BEIHAI Shipbuilding Heavy Industry Co., Ltd.	Release Gear Mecanism for Gravity Lifeboat	BH-FS7
QINGDAO BEIHAI Shipbuilding Heavy Industry Co., Ltd.	Release Gear Mecanism for Freefall Lifeboat	BG-3.5F
QINGDAO BEIHAI Shipbuilding Heavy Industry Co., Ltd.	Release Gear Mecanism for Freefall Lifeboat	BG-4F
QINGDAO BEIHAI Shipbuilding Heavy Industry Co., Ltd.	Release Gear Mecanism for Freefall Lifeboat	BG-4.5F
QINGDAO BEIHAI Shipbuilding Heavy Industry Co., Ltd.	Release Gear Mecanism for Freefall Lifeboat	BG-4.5FL
QINGDAO BEIHAI Shipbuilding Heavy Industry Co., Ltd.	Release Gear Mecanism for Freefall Lifeboat	BG-5F
QINGDAO BEIHAI Shipbuilding Heavy Industry Co., Ltd.	Release Gear Mecanism for Freefall Lifeboat	BG-6F
QINGDAO BEIHAI Shipbuilding Heavy Industry Co., Ltd.	Release Gear Mecanism for Rescue Lifeboat	BG-2R
QINGDAO BEIHAI Shipbuilding Heavy Industry Co., Ltd.	Release Gear Mecanism for Rescue Lifeboat	BG-15KNXS
QINGDAO BEIHAI Shipbuilding Heavy Industry Co., Ltd.	Release Gear Mecanism for Rescue Lifeboat	BG-25KNXS
QINGDAO BEIHAI Shipbuilding Heavy Industry Co., Ltd.	Release Gear Mecanism for Rescue Lifeboat	BG-35KNXS
ARIM Machinery & Eng Co.	Rescue Boat & Liferaft Launching Appliances	AR204-1011
ARIM Machinery & Eng Co.	Rescue Boat & Liferaft Launching Appliances	AR206-0427
ARIM Machinery & Eng Co.	Rescue Boat & Liferaft Launching Appliances	AR207-0805



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List of makes and types of equipment

ARIM Machinery & Eng Co.	Rescue Boat & Liferaft Launching Appliances	AR207-0427
ARIM Machinery & Eng Co.	Rescue Boat & Liferaft Launching Appliances	AR206-1211
ARIM Machinery & Eng Co.	Rescue Boat & Liferaft Launching Appliances	AR207-1225
ARIM Machinery & Eng Co.	Liferaft Launching Appliances	AR210-0420
ARIM Machinery & Eng Co.	Liferaft Launching Appliances	AR208-0805
ORIENTAL Precision & Engineering Co., Ltd.	Hinged Gravity Type Davit	HGD SERIES
ORIENTAL Precision & Engineering Co., Ltd.	Hinged Gravity Type Davit	HGK SERIES
ORIENTAL Precision & Engineering Co., Ltd.	Hinged Gravity Type Davit	SHS SERIES
ORIENTAL Precision & Engineering Co., Ltd.	Hinged Gravity Type Davit	RTD SERIES
ORIENTAL Precision & Engineering Co., Ltd.	Hinged Gravity Type Davit	DHA SERIES
ORIENTAL Precision & Engineering Co., Ltd.	Hinged Gravity Type Davit	DMA SERIES
ORIENTAL Precision & Engineering Co., Ltd.	Hinged Gravity Type Winch	BWE SERIES
ORIENTAL Precision & Engineering Co., Ltd.	Hinged Gravity Type Winch	SWE SERIES
ORIENTAL Precision & Engineering Co., Ltd.	Hinged Gravity Type Winch	WL SERIES
ORIENTAL Precision & Engineering Co., Ltd.	Freefall Davit & Winch	FD SERIES
ORIENTAL Precision & Engineering Co., Ltd.	Freefall Davit & Winch	WL SERIES
ORIENTAL Precision & Engineering Co., Ltd.	Rescue Boat/Liferaft Davit & Winch	RD SERIES
ORIENTAL Precision & Engineering Co., Ltd.	Rescue Boat/Liferaft Davit & Winch	RDW SERIES
ABAS	Single arm Stewing	KDE-series, MDE-series
ACEBI	Free fall secondary hydraulic A Frame	TPF-series
ACEBI	Gravity single and twin fall outrigger	A-series, AF-series, PF-series
ACEBI	Single arm Stewing	PFR-series, RRP-series, TPUseries
ACEBI	Single Fall Rescue / Fast Rescue Boat A Frame Hydraulic	TPF-series, TPU-series
ACEBI	Twin Fall Gravity Pivoting / Luffing	SPG-series
ACEBI	Twin Fall Gravity Rollertrack	GRA-series
ACEBI	Twin Fall Hydraulic / Pivoting / Luffing Gravity Lowering	TPC-series
ACON	Single arm Stewing	R18700-series
ACTA	Free fall secondary hydraulic A Frame	HSC-series
ACTA	Single arm Stewing	DR-series, HSC-series, MOB-series
ALEXANDER RYAN	Gravity single and twin fall outrigger	BH-series



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List of makes and types of equipment

ARIM	Single arm Stewing	AREH-series, ARPV-series
ARIM	Single Fall Rescue / Fast Rescue Boat A Frame Hydraulic	ARPV-series
ARIM	Twin Fall Gravity Pivoting / Luffing	AHA-series
BIANCHI a CHECCHI	Gravity single and twin fall outrigger	PE-series, PET-series
COASTAL MARINE EQUIPMENT, INC.	Single arm Stewing	D-series
DAVIT COMPANY	Gravity single and twin fall outrigger	FFFDA-series
DAVIT INTERNATIONAL	Free fall secondary hydraulic A Frame	D-FH-series
DAVIT INTERNATIONAL	Gravity single and twin fall outrigger	D-FO-series, D-FOS-series
DAVIT INTERNATIONAL	Single arm Stewing	D-BR-series, D-CR.R-series, D-CRM-series, D-FOS-series, D-RC-series, D-RC.T-series, D.BC.R-series, D.CRE.R-series
DAVIT INTERNATIONAL	Single Fall Rescue / Fast Rescue Boat A Frame Hydraulic	D-NP.FR-series, D-NPS.SPseries, D-TT.SP-series
DAVIT INTERNATIONAL	Single or Twin Fall Lifeboat Rescue Boat / Fast Rescue Boat Telescopic Hydraulic	D-FP.R-series, D-TT-series, DTT.SP-series
DAVIT INTERNATIONAL	Twin Fall Gravity Pivoting / Luffing	D-NP-series, D-NP.MP-series
DAVIT INTERNATIONAL	Twin Fall Gravity Rollertrack	D-RT-series
DAVIT INTERNATIONAL	Twin Fall Hydraulic / Pivoting / Luffing Gravity Lowering	D-NP-series, D-SP-series
DENIZSAN	Free fall secondary hydraulic A Frame	DSFDD-series
DENIZSAN	Single arm Slewing	DRBD-series, DRBLRD-series, DSRBD-series
DENIZSAN	Single Fall Rescue / Fast Rescue Boat A Frame Hydraulic	DSFRB-series
DONGNAM MARINE CRANE CO.,LTD.	Single arm Slewing	DNRD-series, DR-series, DRBLRD-series, DSAC-series, DSADseries
DONGNAM MARINE CRANE CO.,LTD.	Twin Fall Gravity Pivoting / Luffing	DHGD-series
DONGWOO MACHINERY Et ENGINEERING CO., LTD.	Twin Fall Gravity Pivoting / Luffing	DWS-series
DSB ENGINEERING CO LTD	Free fall secondary hydraulic A Frame	DSBDF-series
DSB ENGINEERING CO LTD	Single arm Stewing	DSB23DR-series
DSB ENGINEERING CO LTD	Single Fall Rescue / Fast Rescue Boat A Frame Hydraulic	DSBARH-series, DSBDP-series, DSBDR-series
DSB ENGINEERING CO LTD	Twin Fall Gravity Pivoting / Luffing	DSBDL-series, DSBDTL-series
DSB ENGINEERING CO LTD	Twin Fall Hydraulic / Pivoting / Luffing Gravity Lowering	DSBDYL-series
FERRI	Single or Twin Fall Lifeboat Rescue Boat / Fast Rescue Boat Telescopic Hydraulic	TO-series
GLOBAL DAVIT	Gravity single and twin fall outrigger	GSP.O-series, RSP.O-series
GLOBAL DAVIT	Single arm Stewing	FHS-series, FHS.L-series,



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List of makes and types of equipment

		FHS.Rseries, FHS.R.L-series, FHS.R.L.S-series, FHS.R.S-series, FHS.S-series, LMES.Sseries, LML-series, LMS-series, LMS.S-series, R RMS-series, RHL-series, RHP-series, RHS-series, RHS.L-series, RHS.L.S-series, RHS.S-series, RMES.L.S-series, RMES.S-series, RML-series, RMS.L-series, RMS.L.S-series, RMS.S-series
GLOBAL DAVIT	Single Fall Rescue / Fast Rescue Boat A Frame Hydraulic	RHP-series, RHP.HC-series
GLOBAL DAVIT	Twin Fall Gravity Pivoting / Luffing	GLP.FP-series, GLP.MP-series, GSP.FP-series, GSP.MP-series
GLOBAL DAVIT	Twin Fall Gravity Rollertrack	GLP.RT-series, GSP.RT-series, GSP.RT, GLP.RT-series
GLOBAL DAVIT	Twin Fall Hydraulic / Pivoting / Luffing Gravity Lowering	GLP.FLH-series, GLP.FPH-series, GSP.FLH-series, GSP.FPH-series, RHL-series, RHP-series
GREBEN	Free fall secondary hydraulic A Frame	HFF-series
GREBEN	Gravity single and twin fall outrigger	FOD-series
GREBEN	Single arm Slewing	SAR-series
GREBEN	Single Fall Rescue / Fast Rescue Boat A Frame Hydraulic	RLC-series
GREBEN	Twin Fall Gravity Pivoting / Luffing	SPG-series
GREBEN	Twin Fall Gravity Rollertrack	GR-RTD-series
GREBEN	Twin Fall Hydraulic / Pivoting / Luffing Gravity Lowering	GD-PD-series, HD-series
HAEAN MACHINERY IND. CO. LTD.	Single arm Slewing	HED-PC-series, HHD-PC-series
HANYOUNG ENTERPRISE	Single arm Stewing	RESCUE BOAT DAVIT-series
HARDING (UMO SCHAT HARDING)	Free fall secondary hydraulic A Frame	FF-series
HARDING (UMO SCHAT HARDING)	Gravity freefall primary	FFB-series, LA-series
HARDING (UMO SCHAT HARDING)	Gravity single and twin fall outrigger	HD-FL-series, ORD-series
HARDING (UMO SCHAT HARDING)	Single arm Stewing	LAR-series, SAR-series, SPRseries, SRR-series
HARDING (UMO SCHAT HARDING)	Single Fall Rescue / Fast Rescue Boat A Frame Hydraulic	SA-series
HARDING (UMO SCHAT HARDING)	Twin Fall Gravity Pivoting / Luffing	HD-SPG-series, HD-VIP-series, SPG(VL)-series
HARDING (UMO SCHAT HARDING)	Twin Fall Gravity Rollertrack	GRA-series, HD-RT-series
HARDING (UMO SCHAT HARDING)	Twin Fall Hydraulic / Pivoting / Luffing Gravity Lowering	SPD-series
HARDING (UMO SCHAT HARDING) (SCHAT DAVIT COMPANY) (PALFINGER)	Twin Fall Gravity Pivoting / Luffing	SPG(L)-series
HARDING (WATERCRAFT)	Twin Fall Gravity Rollertrack	WRG-series



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List of makes and types of equipment

HATECKE	Free fall secondary hydraulic A Frame	FFA-series	
HATECKE	Gravity freefall primary	FFB-series	
HATECKE	Gravity single and twin fall outrigger	GSP.O-series	
HATECKE	Twin Fall Hydraulic / Pivoting / Luffing Gravity Lowering	GSP.FP-series	
IKNOW MACHINERY (TSUJI)	Twin Fall Gravity Pivoting / Luffing	HD-series	
JIANGYIN WOLONG F.R.P. BOAT CO. LTD.	Free fall secondary hydraulic A Frame	JY-FH-series	
JIANGYIN WOLONG F.R.P. BOAT CO. LTD.	Gravity single and twin fall outrigger	JYPL-series	
JIANGYIN WOLONG F.R.P. BOAT CO. LTD.	Single arm Stewing	JYSA-series	
JIANGYIN WOLONG F.R.P. BOAT CO. LTD.	Single Fall Rescue / Fast Rescue Boat A Frame Hydraulic	JY-LFR-series, JY-LRHE-series, JY-PLR-series	
JIANGYIN WOLONG F.R.P. BOAT CO. LTD.	Twin Fall Gravity Pivoting / Luffing	JYPL-series	
JIANGYIN WOLONG F.R.P. BOAT CO. LTD.	Twin Fall Gravity Rollertrack	JYHE-series	
JIANGYINSHI BEIHAI	Free fall secondary hydraulic A Frame	FA-series	
JIANGYINSHI BEIHAI	Gravity single and twin fall outrigger	PD-series	
JIANGYINSHI BEIHAI	Single arm Stewing	SA-series, SAC-series, SMR series	
JIANGYINSHI BEIHAI	Single Fall Rescue / Fast Rescue Boat A Frame Hydraulic	EHRD-series, FRH-series, SRH-series	
JIANGYINSHI BEIHAI	Twin Fall Gravity Pivoting / Luffing	BH-G-series, LA-series, LB -H-series	
JIANGYINSHI BEIHAI	Twin Fall Gravity Rollertrack	HB-H-series, RB-H-series	
JIANGYINSHI BEIHAI	Twin Fall Hydraulic / Pivoting / Luffing Gravity Lowering	BHGH-series	
JUNG-A-MARINE CO., LTD	Single arm Stewing	PCRLC-series	
MACGREGOR (TTS) (HYDRAMARINE)	Single Fall Rescue / Fast Rescue Boat A Frame Hydraulic	A-TYPE-series, HLD-series, HMC-series, HMD-series	
MACGREGOR (TTS) (HYDRAMARINE)	Single or Twin Fall Lifeboat Rescue Boat / Fast Rescue Boat Telescopic Hydraulic	T-TYPE-series	
MANSEI	Free fall secondary hydraulic A Frame	D-FH-series, FE-series, MFHseries	
MANSEI	Single arm Stewing	RD-series, SAR-series, SR-series	
MANSEI	Single Fall Rescue / Fast Rescue Boat A Frame Hydraulic	HER-series	
MANSEI	Twin Fall Gravity Pivoting / Luffing	ABD-series, AH-series, AVseries, EH-series, EM-series, M-series	
MANSEI	Twin Fall Gravity Rollertrack	AT-series, GRA-series	
MIURA MACHINE CO..LTD (MIURA VIDER) (MANSEI)	Twin Fall Gravity Pivoting / Luffing	MVD-series	
NAVIGATIONS	Single arm Stewing	I,I-series	
NAVIM GROUP	Gravity single and twin fall outrigger	FDRB-series	
NAVIM GROUP		Single or Twin Fall Lifeboat Rescue Boat / Fast Rescue Boat Telescopic Hydraulic	SPDT-L-ser SPDT-T-se
NAVIM GROUP	Twin Fall Hydraulic / Pivoting / Luffing Gravity Lowering	SGHD- L-series, SPHD- T-series	



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List of makes and types of equipment

NED-DECK MARINE (PALFINGER)	Gravity single and twin fall outrigger	FPG-series
NED-DECK MARINE (PALFINGER)	Single arm Stewing	5CH-series, SCM-series, SCTseries, SEC-series
NED-DECK MARINE (PALFINGER)	Single Fall Rescue / Fast Rescue Boat A Frame Hydraulic	PFH-series, PRH-series, PRHE-series
NED-DECK MARINE (PALFINGER)	Twin Fall Gravity Pivoting / Luffing	PL -series
NINGBO ASIA F.R.P. BOAT MANUFACTURING CO LTD	Free fall secondary hydraulic A Frame	YZF-series
NINGBO ASIA F.R.P. BOAT MANUFACTURING CO LTD	Single arm Stewing	YZ-series, ZFDZ-series
NINGBO ASIA F.R.P. BOAT MANUFACTURING CO LTD	Twin Fall Gravity Pivoting / Luffing	L-series
NINGBO NEW MARINE LIFESAVING EQUIPMENT CO. LTD	Gravity single and twin fall outrigger	NMPL-series
NINGBO NEW MARINE LIFESAVING EQUIPMENT CO. LTD	Single Fall Rescue / Fast Rescue Boat A Frame Hydraulic	NM-series, NMAR-series
NMF	Single arm Stewing	BPK-series, KD.2 -series
NOR DAVIT	Gravity single and twin fall outrigger	PL-series
NOR DAVIT	Twin Fall Gravity Pivoting / Luffing	SDP-series
NOREQ (PALFINGER)	Gravity single and twin fall outrigger	NRD-series
NOREQ (PALFINGER)	Single arm Stewing	SCH-series, SCH-R-series, SCHD-series, SCM-L-series, SCM -R-series
NOREQ (PALFINGER)	Single Fall Rescue / Fast Rescue Boat A Frame Hydraulic	NPD-series
NOREQ (PALFINGER)	Twin Fall Hydraulic / Pivoting / Luffing Gravity Lowering	NPD-series
NORSAFE	Single Fall Rescue / Fast Rescue Boat A Frame Hydraulic	NDA-series
PALFINGER	Free fall secondary hydraulic A Frame	NPT-DF-series
PALFINGER	Gravity freefall primary	FF-series
PALFINGER	Gravity single and twin fall outrigger	FPG-series
PALFINGER	Single Fall Rescue / Fast Rescue Boat A Frame Hydraulic	SCH-R-series, SCM-L-series, SCM -R-series
PALFINGER	Single or Twin Fall Lifeboat Rescue Boat / Fast Rescue Boat Telescopic Hydraulic	NTD-series
PALFINGER	Twin Fall Gravity Pivoting / Luffing	NPT-series, VIP-series
PALFINGER	Twin Fall Gravity Rollertrack	NPT-series
PALFINGER	Twin Fall Hydraulic / Pivoting / Luffing Gravity Lowering	NPD-series, PFH-series
PELEGRINI MARINE EQUIPMENT	Twin Fall Gravity Pivoting / Luffing	GRA-series
REDROCK	Single Fall Rescue / Fast Rescue Boat A Frame Hydraulic	RDA-series
REDROCK	Single or Twin Fall Lifeboat Rescue Boat / Fast Rescue Boat Telescopic	RDT-series



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List of makes and types of equipment

	Hydraulic	
SEC (SHIPS EQUIPMENT CENTRE)	Free fall secondary hydraulic A Frame	HP2 -series
SEC (SHIPS EQUIPMENT CENTRE)	Single arm Stewing	MS-series
SEKIGAHARA	Free fall secondary hydraulic A Frame	SF-series
SEKIGAHARA	Twin Fall Gravity Pivoting / Luffing	SFA-series, SFB-series, SFP series, SHS-series
SEKIGAHARA	Twin Fall Gravity Rollertrack	AT-series, STS-series
SERVO SHIP S.L	Free fall secondary hydraulic A Frame	FFR-20-series
SEZAMOR	Single arm Stewing	ZZ-ZOL-series, ZZ-ZOT-series
SHIN MYUNG TECH	Single arm Stewing	SMRBELRD-FT-series, SMRBD-SD -series, SMRBDELRD-series, SMRBDEIPV-series
STOCZNIA USTKA SR Z 0.0.	Free fall secondary hydraulic A Frame	HZ-series
STOCZNIA USTKA SR Z 0.0.	Gravity freefall primary	PZ-series
SURVIVAL SYSTEMS INT	Gravity single and twin fall outrigger	PL-series
TSUJI HEAVY INDUSTRIES	Single arm Stewing	RP-series
TSUJI HEAVY INDUSTRIES	Twin Fall Gravity Pivoting / Luffing	H-series
TSUJI HEAVY INDUSTRIES	Twin Fall Gravity Rollertrack	T83-series, TC-series
TTS (HYDRALIFT)	Single Fall Rescue / Fast Rescue Boat A Frame Hydraulic	HL-series
TTS (HYDRALIFT)	Twin Fall Hydraulic / Pivoting / Luffing Gravity Lowering	HL9D-series
ULSTEIN FAMA (FAMA GNIEW)	Single arm Stewing	ZO-series, ZT-series
VANGUARDE	Gravity single and twin fall outrigger	PL-series
VANGUARDE	Single arm Stewing	HS-series, MS-series, VS-series
VANGUARDE	Single Fall Rescue / Fast Rescue Boat A Frame Hydraulic	DH-series, PR-series, PRH-series
VANGUARDE	Twin Fall Gravity Pivoting / Luffing	LE-series, VL-series
VANGUARDE	Twin Fall Hydraulic / Pivoting / Luffing Gravity Lowering	PFH-series, SRH-series
VERHOEF	Free fall secondary hydraulic A Frame	FL-series
VESTDAVIT	Single arm Stewing	L-series
VESTDAVIT	Single Fall Rescue / Fast Rescue Boat A Frame Hydraulic	P-series, PAP-series, PAPHseries, PL-series, PLAR-series, PLD-series, PLI-series, PLPseries, PLR-series
VESTDAVIT	Single or Twin Fall Lifeboat Rescue Boat / Fast Rescue Boat Telescopic Hydraulic	TBD-series
VIKING (NORSAFE)	Gravity freefall primary	SW-series
VIKING (NORSAFE)	Gravity single and twin fall outrigger	A-series, C-series, D-series, NDC-series
VIKING (NORSAFE)	Single arm Stewing	NRC-R-series
VIKING (NORSAFE)	Single Fall Rescue / Fast Rescue Boat A Frame Hydraulic	NDA-series, NRB-series



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List of makes and types of equipment

VIKING (NORSAFE)	Twin Fall Gravity Pivoting / Luffing	[-series	
VIKING (NORSAFE)	Twin Fall Hydraulic / Pivoting / Luffing Gravity Lowering	LH-series	
VIKING (NORSAFE) (JIANGYIN)	Single arm Stewing	NDSC-R-series	
VIKING (NORSAFE) (JIANGYIN)	Free fall secondary hydraulic A Frame	HD-series	
WELIN LAMBIE	Single arm Stewing	LRW-series	
WELIN LAMBIE	Single arm Stewing	SARBE 8A-series	
WUXI DONGWU	Free fall secondary hydraulic A Frame	F-series, NPT100E-series	
WUXI DONGWU		Single arm Stewing	21 - 35KN-s
WUXI DONGWU	Single Fall Rescue / Fast Rescue Boat A Frame Hydraulic	A30/H35-series	
WUXI DONGWU	Twin Fall Gravity Pivoting / Luffing	18KN-110KN-series	
WUXI DONGWU	Twin Fall Gravity Rollertrack	25KN -30KN-series	
WUXI HAIHONG BOAT MAKING CO., LTD	Single arm Stewing	23KN-series	
WUXI HUAHAI	Gravity single and twin fall outrigger	PD-series	
WUXI HUAHAI	Single arm Stewing	HMB-series	
WUXI HUAHAI	Single Fall Rescue / Fast Rescue Boat A Frame Hydraulic	HMDA-series	
WUXI HUAHAI	Twin Fall Gravity Pivoting / Luffing	HMD-series	
WUXI SHENGOU	Free fall secondary hydraulic A Frame	SMDF-series	
WUXI SHENGOU	Single arm Stewing	SMC-series, SMD-series	
WUXI SHENGOU	Single Fall Rescue / Fast Rescue Boat A Frame Hydraulic	HMDA-series	
WUXI SHENGOU	Twin Fall Gravity Pivoting / Luffing	SHMDL-series	
WUXI SHENGOU	Twin Fall Gravity Rollertrack	SMD-series	
YOUNGNAM MACHINERY CO. LDT	Twin Fall Gravity Pivoting / Luffing	YNBD-series	
ZHEJIANG TAIZHOU WANTONG MARINE MACHINERY CO LTD	Twin Fall Gravity Pivoting / Luffing	YSJ-series	
ZHENJIANG MARINE AUXILIARY MACHINERY WORKS	Twin Fall Hydraulic / Pivoting I Luffing Gravity Lowering	SRH-series	
ZHENJIANG MARINE AUXILIARY MACHINERY WORKS	Free fall secondary hydraulic A Frame	FH-series	
ZHENJIANG MARINE AUXILIARY MACHINERY WORKS	Gravity single and twin fall outrigger	PL-series	
ZHENJIANG MARINE AUXILIARY MACHINERY WORKS	Single arm Stewing	HDCL-series, SAFC-series, SAW30-series, ZF-series	
ZHENJIANG MARINE AUXILIARY MACHINERY WORKS	Twin Fall Gravity Pivoting / Luffing	L-series	
ZHENJIANG WEST MARINE EQUIPMENT CO., LTD	Single Fall Rescue / Fast Rescue Boat A Frame Hydraulic	WME-LRH35-series	
RELEASE GEARS			



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List of makes and types of equipment

BALDEN	Lifeboat on load lift not over centre, flat to flat rotating cams	BD-LBH-series
BALDEN	Rescue boat / Davit Launched Liferaft / Lift over centre automatic	BDHR-series
BC SERVICE	Devices For Activating Release: Central Release Unit	U HOOK-series
BC SERVICE	Devices For Activating Release: Hydrostatic Unit with Diaphragm	U HOOK-series
BC SERVICE	Lifeboat on load lift not over centre, forward or reverse curve to curve rotating cams	U HOOK-series
BC SERVICE	Rescue boat offload lift over center	U HOOK-series
CHANG SHENG	Rescue boat / Davit Launched Liferaft / Lift over centre automatic	35KN-series
DAE JIN CO. LTD	Freefall Hydraulic / mechanical	THP-1B-series
DAVIT INTERNATIONAL	Rescue boat offload lift over center	OLH-series
DAVIT INTERNATIONAL	Rescue boat offload w. Onload capability	RH-series
FASSMER	Devices For Activating Release: Central Release Unit	DUPLEX < 6.6T-series, DUPLEX > 6T-series
FASSMER	Devices for activating release: Free Fall Hydraulic Primary and Secondary	FFH-series
FASSMER	Devices For Activating Release: Hydrostatic Unit with Float	DUPLEX < 6.6T-series, DUPLEX > 6T-series
FASSMER	Freefall Hydraulic / mechanical	F-series
FASSMER	Lifeboat on load lift not over centre, Curve to flat rotating cams	DUPLEX>6T-series
FASSMER	Lifeboat on load lift not over centre, forward or reverse curve to curve rotating cams	DUPLEX<6.6T-series
FERRI	Rescue boat / Davit Launched Liferaft / Lift over centre automatic	1448 TN-series
GEPA	Rescue boat / Davit Launched Liferaft / Lift over centre automatic	G-K-series
GLOBAL DAVIT	Lifeboat on load lift not over centre	HRL-series
GLOBAL DAVIT	Rescue boat / Davit Launched Liferaft / Lift over centre automatic	HRL.26-series
GLOBAL DAVIT	Rescue boat offload lift over center	HRN-series
GLOBAL DAVIT	Rescue boat offload w. Onload capability	HR-series
GREBEN	Devices For Activating Release: Central Release Unit	NLH-series
GREBEN	Devices For Activating Release: Electronic Sensor	NLH-series
GREBEN	Lifeboat on load lift not over centre, up and down pins / collars	NLH-series
HARDING (UMO SCHAT HARDING)	Devices for activating release: Free Fall Hydraulic Primary and Secondary	FFH-series
HARDING (UMO SCHAT HARDING)	Fast rescue boat offload / Manual or automatic	CAR-35F-series
HARDING (UMO SCHAT HARDING)	Freefall Hydraulic / mechanical	FFH-series
HARDING (UMO SCHAT HARDING)	Rescue boat / Davit Launched Liferaft / Lift over centre automatic	ARH 23-series
HARDING (UMO SCHAT HARDING)	Rescue boat offload w. Onload capability	RRH-series
HATECKE	Devices For Activating Release: Central Release Unit	DUPLEX < 6T-series, DUPLEX > 6T-series
HATECKE	Devices for activating release: Free Fall Hydraulic Primary and Secondary	GFF-series



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List of makes and types of equipment

HATECKE	Devices For Activating Release: Hydrostatic Unit with Float	DUPLEX < 6T-series, DUPLEX > 6T-series
HATECKE	Freefall Hydraulic / mechanical	GFF-series
HATECKE	Lifeboat on load lift not over centre, Curve to flat rotating cams	DUPLEX>6T-series
HATECKE	Lifeboat on load lift not over centre, forward or reverse curve to curve rotating cams	DUPLEX<6.6 T-series
HATECKE	Rescue boat offload lift over center	SIMPLEX OFFLOAD-series
HATECKE	Rescue boat offload w. Onload capability	SIMPLEX-series
HENRIKSEN	Fast rescue boat offload / Manual or automatic	HCH-series, HMK-series