



APPROVAL OF SERVICE SUPPLIERS

Certificate No:
AOSS0000M00
Revision No:
2

This is to certify that

Dolphin Marine Free Zone

Suez, Egypt

is granted acceptance for

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

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

This Certificate is valid from **2023-08-06** to (inclusive) **2026-08-05**.

This Certificate is issued on **2023-09-13**.

for **DNV**

El Sisy, Mohamed Hisham
Surveyor

This Certificate may be withdrawn if:

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

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



Application:

The service supplier is approved for maintenance, thorough examination, operational testing, overhaul and repairs of the following equipment:

Maker	Type	Model
FASSMER	Davit launched totally enclosed lifeboats.	GMR 5.9 / TGMR 5.9 / TGMR 5.9 / TGMR 5.9 / GMR 6.5 / TGMR 6.5 / GMR 7.4 / GMR 8.3 / CLR-C 5.9 / CLR- T5.9 / CLR- C 6.4/ CLR- T 6.4 / CLR- C 6.8 / CLR- T 6.8 / CLR- C 7.2 / CLR- T 7.2 / CLR- C 7.6 / CLR- T 7.6 /CLR- C 8.1/CLR- T 8.1 /CLR- C 8.5 /CLR- T 8.5 / CL- C 8.9 / CL- T 8.9 / CL- C 9.4/CL- T 9.4 /CL- C 9.8 /CL- T 9.8 /CL- C 10.2 /CL- T 10.2 /CL- C 10.7/CL- T10.7/ CL- C 11.1/CL- T 11.1/ CL- C 11.5/ CL- T 11.5/CL- C 11.9/CL- T 11.9 / CL - C 12.4 / CL- T 12.4 /CL- C 12.8 /CL- T 12.8 / CL- C 13.2 / CL- T 13.2 / CLX (R) 8.5 / CLX 10.0/CLX 11.7/CLX 12.8/CFL 4.9/CFL- T 4.9/ GAR 6.0/GAR- T 6.0/GAR 6.8/GAR- T 6.8 / GAR 6.7/ GAR- T 6.7 /GAR 7.4/GAR- T 7.4 /GAR 8.1/GAR- T 8.1
Free fall lifeboat	CFL 4.9 / CFL-T 4.9 / GAR 6.0 / GAR-T 6.0 / GAR 6.8 / GAR-T 6.8 / GAR 6.7/ GAR-T 6.7 / GAT-T 6.7 / GAR 7.4 / GAR-T 7.4/ GAR 8.1 / GAR-T 8.1/ CFL 4.9 / GAR 7.7/ GAR-T 7.7/ GAR 8.5/ GAR-T 8.5/ CFL-C 66/ CFL - T 66/ CFL-C 72/ CFL-T 72 / CFL-C 77 / CFL-T 77 / CFL- C 83 / CFL-T 83	
Partially enclosed lifeboats	CL-P 5.9/ CL-P 6.4/ CL-P 6.8/ CL-P 7.2/ CL-P 7.6/ CL-P 8.1/ CL-P 8.5/ CL-P 8.9/ CL-P 9.4/ CL-P 9.8/ CL-P 10.2/ CL-P 10.7/ CL-P 11.1/ CL-P 11.5/ CL-P 11.9/ CL-P 12.4/ CL-P 12.8/ CL-P 13.2/ SEL 8.15/ SEL 8.8/ SEL 9.6/ SEL 10.5/ SEL 10.55 / SEL 11.80 / SEL 12.5/ SEL-R 8.15/ SEL 15.75 / SEL-T 10.75	
Partially enclosed Lifeboats – Tenderboats	TL Limo 1100 / SEL-T 11.0 / SEL-T 11.7 / SEL-T 12.3 / SEL-T 14.0 / SEL-T 14.7 / SEL-T 15.75 / PLL 1099 / PLT-EVO 170	
Partially enclosed lifeboat, tenderboat and rescueboat.	SEL-RT 7.7 / SEL-RT 7.5 / SEL-RT 8.5	
Partially enclosed Life- and Crew Tenderboats	SEL 11.0 (-T)	
Partially enclosed Life-/Rescue-/Work-/Tender- Boats	SEL-R 7.4 / SEL-R 8.5	

Rigid Rescue boat / Fast Rescue Boats	RR 4.2 / RR 4.2-M / RR 4.5 ID FR (I)R 6.1/ FR (I)R 6.1/ FR (I)R 6.1 ID / FRR 6.2 ID / FRR 6.5 ID-SF / FRR 6.6 ID / FRR 7.0 ID-SF / FRIR 6.25 / FRR 7.0 / NAVY RHIB SFB 10.1
Freefall Lifeboat Release Mechanism	FFRU 6.6
Offload rescue boat hook	FOH 27 / FOH 30 / FOH 70
onload release gear	Duplex 25E2 / Duplex 2.5E/2.5T / Duplex 50E2 / Duplex 5.0E / 5.0T / Duplex 60E2 / Duplex 6.6E / Duplex 10E / 10T / Duplex 140E2 / Duplex 14E / 14T / Duplex 17E / 17T / Duplex 180E2 / Duplex 230E2 / Duplex 23E / 23T
Fassmer Hydraulic Davit	FHD 80/ FHD 100 / FHD 120 / FHD 130 / FHD 150 / FHD 170 / FHD 172 / FHD 280 / FHD 450
HINGED DAVIT	FFH 45V /
FREE FALL DAVIT	FFH 45 / FFH/ FFH 6565
PIVOT DAIT	FPD 55 / FPD 60 / FPD 100/ FPD 80 / FPD 120 / FPD 150 / FPD 170 / FPD D60
Freefall Ramp	FLR 8005/FLR 8006/FLR 8007
Multi pivot davit	FMPD 100 / FOD 120 /FMPD 130/FMPD 150 /FMPD 160 /
Outrigger davit	FOD 100/FOD 120/FOD 130/FOD 150/ / FOD 170 / FOD 190 / FOD 40R / FOD 50 FOD 55/ FOD 80/ FOD LBC 300/ FOD SAR 40/ FOD-R 22/ FOD-R 23/ FOD-R 25/ FOD-R 40/ FOD TC 450
Rescue boat davit	FOSV 71/ FSAH 22
Rescue boat crane	FSAH 28/FASH 32/ FSAR 12/3.5/ FSAR 14/2.9 /FSAR 14/FSARR 14/3.5 HS/ FSAR 21/4.0 / FSAR 21/4.5/ FSAR 22/4.5/ FSAR 28 / /FSAR 21/ FSARR 22/4.0HS-M/FSAR 40/
Rescue Boat / Liferaft Crane	FSAR 12/3.5/ FSAR 14/2.9 / FSAR 21/4.0 / FSAR 21/4.5/ FSAR 22/4.5/ FSAR 28 /
FRC crane	PRHE 30

Fassmer Winch	EW 40 / DEW 85 / DEW 2000	
Fassmer Winch/ rescue boat crane	DEW 8 / FWD 40 RB / DEW 150	
Fassmer Freefall Winch	FFWH	

Maker	Type
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FASSMER-MARLAND	ON LOADRELEASE GEAR/ LIFEBOAT RELEASE & RETRIEVAL SYSTEM	DUPEX 2.5/DUPLEX 2.5E/DUPLEX 25 E2/DUPLEX 5.0/DUPLEX 5.0 E/DUPLEX 50 E2/HH43 (Hai Hong Type)/
DAVITS / CRANES	FPD-D60/FPD-D60/FPD-DH68/SRH70/FFH49/FFH49D/FFH66/FFH66D/FFH72/FFH77/FFH83/FLR 49/FLR 66/FLR 72/ FSAR 14/3.5HS/FSARR 14/3.5HS/FSAR 4.0/3.5HS/FSAR 21/4.0HS/FSARR 21/4.0HS/FSARR 22/4.0HS/FMAH 22KN/FSAR 25/	
WINCHES	DEW 15-24/DEW 15-35/DEW15-44/D52L/D52R/DW34S/DW34Z/MW50/MW50C for davitFPD-D60/FW35/DEW 150/DEW 450/ RZ25	

Maker	Type	Model
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JIANGYINSHI BEIHALLSA CO.LTD	BOAT	SERIES OF SC, JYB
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HOOK	SERIES OF JYBHK	
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DAVIT	SERIES OF SAC, SA, FA, LB, LA, BHGH, PD, FRH, EHRD, SRH, BHGP, RB, HB, HDC, ESAD
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Maker	Type	Model
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Zhenjia ng Marine	Gravity davit	LE45-1/LE55-1/LE65-1/LE85-1/LE100-1/LE138-1/LE170-1/HE65/ HE85/ HE100/HE138/H170/ RE50/ RE60/RE80/ RE100/ SRH65/ SRH85/SRH100/ SRH120/SRH150/SRH170/SRH200/SRH230/ GL65/ GL85/ GL110/GL138/ GL165/ TG65/TG85/TG110/TG150/TG170/TG200/TG230/ HT80/ HT100/ HT150/HT210/ LC400/ RC60-EB
	LAUNCHING APPLIANCE DAVIT	FH55/FH70/FH75/FH85/FH100
SINGL E ARM DAVIT AND CRAN E	SAF14/SAF21/SAFC21/SAFC25/SA21/SA32/HDCL2-6.5/HDCL3-6/HDCL3-10/LA25/LA35 /SH-21 /DH30	

OFF-SHORE DAVIT	PL65/PL85/PL100/PL110/PL120/PL138/PL150/PL180/PL200/PL230		
FAST RESCUE BOAT DAVIT	LFR30/LFR35/LFR55/LFRH30/LEFR50/LFRH60/DH30/SAWH30/SAWH45/SAWH60		
Totally Enclosed Lifeboat	YH5.0QFP/YH5.0QFN/YH6.5QFP/YH6.5QFN/YH8.5QFP/YH8.5QFN/YH8.5QFP-A /YH8.5QFN-A/YH10.3QFP/YH10.3QFN/YH9.5QFP/YH9.5QFN/YH12.0QFP/YH12.0QFN /YH9.9BFP/YH12.5BFP/ZZHG-BF-12.5		
Free Fall Lifeboat	YH5.9FP/YH5.9FN/YH6.7FP/YH6.7FN/YH7.5FP/YH7.5FN/YH8.5FP/YH8.5FN		
Fast rescue boat	YH6.0FRA/YH6.0FRB/YH6.5FRA/YH6.5FRB		
Hook	HK25/HK25B/HK40/HK40C/HK65/SH55/SH70/SH85 Handle release hook 15KN, Automatic release hook 21KN/23KN/25KN/35KN		
Rescue boat	YH4.5R/YH4.5DR/YH7.5		
Maker		Type	
GEPA		FREEFAAL LIFEBOATS G-FFF1 & G-FFF1-FP , G-FFF2 & G-FFF2-FP , G-FFF3 & G-FFF3-FP TOTALLY ENCLOSED LIFEBOATS G-F6K & G-F6K-FP , G-F4K & G-F4K-FP , G-F3K & G-F3K-FP PARTIALLY ENCLOSED LIFEBOATS G-F6YK , G-F4YK , G-F3YK & G-F3YK-T OPEN TYPE LIFEBOATS G-F5 , G-F2 , G-F1 , G-F6 , G-F4 , G-F3 SERVICE & UTILITY BOATS G-GSB3 , G-GSB4 , G-GSB2 , G-GSB1 , G-F5-UB , G-F2-UB , G-F1-UB , G-F6-UB , G-F4-UB , G-F3-UB RESCUE BOAT & HOOK RELEASE DEVICES G-RB1 , G-RB1-DE , G-RB3 , G-FRB1-O , G-FRB2-O , G-K1 , G-K2	
Maker		Type / Model	
HATECKE		DUPLEX 2.6/DUPLEX 3.0/DUPLEX 3.5/ DUPLEX 4.3 / 4.6/DUPLEX 6.0/GFF-R-10/ GFF-R-11/GFF-R-8/RAFTI 2.5/SIMPLEX 2.0	
Off-Load/SIMPLEX 2.0 to/SIMPLEX 2.0i//SIMPLEX3.0/SIMPLEX 4.3/SIMPLEX6.0/			
Maker		Type / Model	
ORIENTAL		DAVIT	HGD SERIES, HGK SERIES, SHS SERIES
RTD SERIES, DHA SERIES, DMA SERIES			
WINCH		BWE SERIES, SWE SERIES, WL SERIES	

FREE FALL DAVIT & WINCH	RD SERIES, WL SERIES	
RESCUE / LIFERAFT DAVIT, WINCH	RD SERIES, RDW SERIES	
Maker	Type / Model	
Hyundai / lifeboat	GRAVITY (ENCLOSED)	HD32T/F, HD44T/F, HD60T, HDL65~85CT/F(A), HDL85CNT/F, HDL71CTR/CFR, HDL75CTR/CFR, HLB65T/F, HLB105F, HT
FREEFALL	HDL740T/F, HDF25T/F, HDF32T/F, HDFN25T/F, HDFN35T/F	
RESCUE BOAT	HDR420, HDR475, HDR475, HDR570	
FAST RESCUE BOAT	HDFR600, HDFR680	
HYUNDAI RELEASE MECHANISM	GRAVITY	TALON II4.0/6.0T, TALON 9.0T
FREEFALL	THP, TALON 4.6T	
RESCUE BOAT & LIFERAFT	BHR25S, BHR25, BHA25S	
FAST RESCUE BOAT	BHR35F, BHR60F, BHR80F	
HYUNDAI DAVIT	GRAVITY	DRM-HD030/050, DRBD-TW085 BDH58S, BDH70S, BDH90S, BDH125S, BDTD60P, BDHP95S, BDTW25S, BDRW100S, BDM70S, BDM130S, BDM170S, BFOD90S
FREEFALL	DRM-FFD020/025/026/030/035 HDFL740, HDF25/32T, HDL25, FF BDF25S, BDF25/35S, BFD25/35S, BDFD	
RESCUE	DRM-RD015/020, DRM-FRD025, DRM-HRD020 BHI-RLD25, BHI-RD42M, BDR6P, BDR25S, BDR25U, BDR25F, BDR35S, BDA16S, BDA20S, BDA25S, BDA35S	
LIFERAFT	DRM-LRD020 BDL25/35S , BHI-LRD15/20M , BLR20S	
HYUNDAI WINCH	DRM, DRBW, HLDF BAW25RG, BLW25M, BMW82L BRW25F/S/U, BWL40S/U/50S/8S/66S BWR40S/U/50S/58S/66S, FHW045 BDF25/35, BHI/ BLR, BDFD, HDFL, HDF	

Maker		Type	Model	
Davit International	Basic System generally excluded: fast rescue boat davits, arctic / ice-class davits, and systems equipped with an USV (a non-	Basic System	d-i	C-F series

	hydraulic stored power system)			
d-i	C-S series			
d-i	D-F series (FREE FALL ONLY)			
d-i	D-TF series			
d-i	D-FH/FG series			
d-i	D-RT series (roller track davit only)			
d-i	D-FO series			
d-i	D-NP. Series, EXCEL. D-NP.MP and D-NP.SP Series.			
d-i	D-BC series			
d-i	D-BR series			
d-i	D-CL series			
d-i	D-CR series			
d-i	D-NPS.SP series			
d-i	D-SR series			
d-i	D-RC series			
d-i	D-RB series			
d-i	RH series			
d-i	OLH series			
d-i	OLRH series			
Sezamor	HS series			
Palfinger	ARH and CAR series			
T- ISS	PX series			
MAKE "d-i" includes following brand names of origin : 1- Davit international-hische GmbH 2- Davit international GmbH	Advanced System	d-i	C-L series	

3- Hische GmbH 4- Davit international BV			
d-i	D-CRm.FR series		
d-i	D-CRm.MOR series		
d-i	D-CRm.R.FR series		
d-i	D-NPS.FR series		
d-i	D-NP.MP series		
d-i	D-NP.SP series		
d-i	D-NPS.MP series		
d-i	D-WP series		
d-i	D-FP series		
d-i	D-ND series		
d-i	D-TT series		
d-i	D-RTT series		

Maker	Type	Model
Qingdao Beihai LIFEBOAT	TOTAL ENCLOSED	BH-5,5A,5S,5SA, E500, E585,6,6A,6S, E670,7A,7B,8
FREEFALL	BH-F6.0, F7.0A, F7.8, F8.1, F5.8, F6.8, F660, F670, F750, F900A	
RESCUE	BH-R4, R4S, R4SA, R5S	
QINGDAO BEIHAI DAVIT	GRAVITY PIVOT	BD-PV50, PV60, PV60S, PV85, PV125
FREEFALL LAUNCHING	BD-FF55,55A,55R, FF80,80A,80R,80B, FF66, FF67, FF85	
SINGLE ARM	BD-SA14,14A,14B, SA21,21A, SA23, SA30,30A, SA33, SH23 BW-H(L/R)31, 50, 63, 75; (L/R)75.125; SC14;21	
QINGDAO BEIHAI RELEASE MECHANISM	GRAVITY LIFEBOAT	BG-3,3L, BG-7, BH-HOOK3, HOOK5, FS5, FS7
FREEFALL LIFEBOAT	BG-3.5F,4F,4.5F,4.5FL,5F,6F	
RESCUE BOAT	BG- 2R,15KNXS,25KNXS,35KNXS	

Maker	Type / Model
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HAEI SENPAKU Co.	HS650, HS650F, HS520, HS520F, SO, SM, FO, FM
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Maker	Type	Model
Dongnam	GRAVITY	DHG-57-FM, HGW-40-FM, DHG-70-FM, HGW52-FM, HGW-50-FM, DHG-73FM, HGW-61-DM, DHGD-11-E2E7
SINGLE ARM TYPE	DLRD, DRLD, DSAD, PV combined, DCHH, DPR, DNR, DRBD, DSAC, BSNKJ	
FREEFALL TYPE DAVIT	(FF, HDF) DSAM 11 - E2M0	

Maker	Type	Model
Nishi – f – co	SERIES G- SERIES, ML –SERIES, F-SERIES	
LIFE BOAT	LB001 and LB002	
RESCUE BOAT	RB001 and RB002	
DAVIT	H83-1A2, H83-1A2, H83-1A2, H83-1A2, H83-1A2, H83-1A2-A, H83-1A2-A, H83-1A2-B, H83-1A2-B, H83-1A2-C, H83-1A2-C, H83-1A2-D, H83-1A2-D, H83-2A2, H83-2A2, H83-2A2, H83-2A2, H83-S, H96-1, H96-1, H96-1, H96-1S, H96-1S, H96-2, H96-2, H96-2, H96-2A, H96-3, H96-3, H96-4, H96-4, H96-5, H96-5, H96-6, H96-6, H96-7, H96-7, H96-8, H96-8, H96-9, H96-9, H96-RS-1 RP-4, H21-1H, H21-1H, H21-1H, H21-2H, H21-2H, H21-2H, TC-H21-05600 TC-H21-05600, T83-1A2, T83-2A2, T83-3A2, T-2S, T-2C, NH-1C, T-1C)	
WINCH	EB-5.0L2-3.7, EB-5.0R2-18/9, EB-5.0R2-22/11, EB-5.0L2-3.7-440, EB-5.0R2-22/11-440, EB-5.0L2-3.7 EB-5.0R2-18/9, EB-5.0R2-22/11, EB-5.0L2-3.7, EB-5.0R2-18/9, EB-5.0L2-3.7, EB-5.0R2-18/9, EB-5.0L2-3.7, EB-5.0R2-22/11, EB-8.0L2-3.7, EB- .0L2-5.5, EB-8.0R2-30/15, EB-8.0R2-22/22, EB-9.0R2-22/11, EB-4.0L2-3.7, EB-4.0R2-18/9, EB-4.0R2-22/11, EB-4.0L2-3.7, EB-4.0R2-18/9, EB-4.0L2-3.7, EB-4.0R2-18/9, EB-4.0R2-22/11, EB-5.0R2B-22/22, EB-5.0L2-3.7-240, EB-5.0R2-18/9-240, EB-4.0L2-3.7, EB-4.0R2-18/9, EB-3.0L2-3.7-200, EB-3.0R2-18/9-200, EB-5.0L2-3.7-240, EB-5.0R2-18/9-240N, EB-5.0L2-3.7, EB-5.0R2-18/9, EB-5.0L2A-3.7, EB-5.0R2A-22/11,	

	EB-4.0L2-3.7, EB-4.0R2-22/11, EB-3.0R2-7.5/3.75, EB-1.0R-5.5, EB-4.0L2H-3.7, EB-4.0R2H-18/9, EB-4.0R2H-22/11, EB-4.0L2H-3.7, EB-4.0R2H-18/9, EB-4.0R2H-22/11, TC-EB-4.0L2H-3.7, TC-EB-4.0R2H-22/11, EB-8.0R2-33/15, EB-8.0R2-33/15, EB-8.0L2-7.5, OE-D-KGA, OE-T-KGA, OAP-1H, OAP-1T) EB-5.0L2-3.7-240, EB-5.0R2-18/9-240, EB-4.0L2-3.7, EB-4.0R2-18/9, EB-3.0L2-3.7-200, EB-3.0R2-18/9
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Maker	Type	Model
Jiangsu jiaoyan marine	Free fall lifeboat	JY-FN-4.9/JY-FF-4.9/JY-FN-5.8/JY-FF-5.8 JYM-FN-6.65/JYM-FF-6.65/JY-FN-6.8/JY-FF-6.8 JY-FN-7.5/JY-FF-7.5/JY-FN-8.5/JY-FF-8.5
Rescue boat	GJ4.2/ GJ4.25/ GJ4.5/GJS.OG/ JS.25/ GJ6.0B-1/ GJ6.10 GJ7 .50/GJ8.0Q-2/ GJ8.SQ-2	
Totally enclosed lifeboat	JY-QFP/N-5.0/JY-QFP/N-5.25/GTR57JYC/F/JY-QFP/N6.0A JY-QFP/N-6.50/JY-QFP/N-7.0/JY-QFP/N-7.5/JY-QFP /N-7.SOA JY-QFP/N-B.00/JY-QFP/N-B.50/JY-QFP/ N-B.SOX JY-Q FP/ N-9.35/ JY-QF P/ N-10.90A	
Hook	JX AND JXN Series	
Gravity luffing arm type davit	JYL52/JYLSS/JYL68/JYL85/JYL105/JYL135	
Launching appliance	JYFSS/JYF 75/JYF75-B/JYF90	
Platform Davit	JYP65/JYP85/JYP105/JYP135	
Single arm davit	JYR21/JYR21S-A/ JYRC 21/JYR23/JYR 14/ JYRH14/ JYRH21	
Electric Boat Winch	FW45/JYW42/JYWSO/JYW70/JYW100/JYWP70/JYWP100 JYWP135/JYW35/JYRZ21	JY 50C/F, JY50CA / FA, JY57C/F, JY60C / E/F, JY6 5C/F, JY70C /F, JY80C / F, JY80CA/FA JY85C/F, JY85CA /FA, JY85CB/FB, JY93C /F, JY102/F, JY117C/F
Jiang yin wolong Lifeboat rescueboat	Totally Enclosed Lifeboat	
Free Fall Lifeboat	JY49CF/FF, JY59CF/FF, JY67CF/FF, JY85CF/FF, JY109CF/FF	
Rescue Boat	JY40KR, JY42KR, JY45DR, JY45KR, JY50R, JY54 KR, JY60KR, JY65KR, JY75KR, JY85KR	

Partially Enclosed Lifeboat	JY70P, JY80P, JY85P	
Open Type Lifeboat	JY45KR, JY55K, JY65K, JY70K, JY75K, JY80K, JY85K	
Jiang yin wolong DAVIT & WINCH	Gravity Luffing Arm Type Davit	JY-LE65, JY-L E85, JY-LE100, JY-LE150
Launching Appliance of Free- Fall Lifeboat	JY-FH55, JY-FH70, JY - FH90, JY-FH155	
Platform Davit	JY- PL70, JY-PL110, JY-PL 150, JY-PL185, JY-PL215	
Single Arm Boat/ Raft Davit	JY-SAF21, JY-SAF23, JY-SA23S, JY-SA375, JY-SR335, JY-SAF33, JY- HSR23I 16, JY-HSR33 / 23, JY-FCR2066, JY-FCR2305	
Rescue Boat davit	JY-PLR21, JY- LFR27, JY-LRHE30, JY- LRHE70, JY- LFR35, JY-SAP14, JYSAP30	
Gravity overhead rolling type davit	JY-PLR21, JY- LFR27, JY-LRHE30, JY- LRHE70, JY- LFR35, JY-SAP14, JYSAP30	
Telescopic Boom Type Davit	JY-TBD 120, JY-TBD 215, JY-TBD35	
Hydraulic Luffing Arm Type Davit	JY-GYE70, JY-GYE120, JY-GYE185	
Connecting od Type Davit	JY-GL70, JY-GL95, JY-GL120, JY-GL185	
Jiang yin wolong WINCH	JY-SAP14, JY- D23Z, JY-D23 /16Z, JY-SAFC23, JY- D33/ 23Z, JY-SAF33, JY- LRHE30, JY- PLR21, JY-LFR27, JY-LRHE70 JY-D50S / Z, JY- D70S/ Z, JY-D85S / Z, JY-D110S/ Z, JY-DW1255, JY-DP1105 / Z, JY-DP150/Z, JY-DP185, JY- DP215	
Jiang yin wolong Release Mechanism of Lifeboat/ Rescue Boat	HK40, HK40A, HK50B, HK50A, FHK70, HK70, HK115, LB60MR, LB80MR, LB120MR, FHK80, FHK 90, LB35MRS,	

Maker	Type / Model		
MARESCAPE	Acta Single arm slewing (and luffing) crane, Gravity lowering, electric hoisting, Gravity lowering, electric hoisting, single drum	Launching appliance winches	Release gear
DC, DR SERIES 08KNT .16 KNT SERIES			
BIZNCHI & CECCHI ON –LOAD (life not over center)		U-HOOK SERIES	
Davit international Gravity lowering, electric hoisting, gravity lowering, manual hoisting	03 NKM, 02 NKM SERIES		

FASSMER ON –LOAD (life not over center) FREEEFALL MECHANIC		DUPLEX <=10t gar=""> SERIES	
GLOBAL DAVIT Gravity lowering , electric hoisting , gravity lowering ,manual hoisting , conventional hydraulic pivoting	W26 series , w02 series , w04 series .GSPFH series		
Hyundai ON –LOAD (life not over center)		Talon II series	
Jiangsu jiaoyan ON –LOAD (life not over center)		JX series	
Jiangyin jiaoyan FREEEFALL MECHANIC		NPT series	
MADROCK ON –LOAD (life not over center)		ROCLOC SERIES	
NARDIRO / VIKING NARDIRO ON –LOAD (life over center)		DIB SERIES	
NORSAFE ON –LOAD (life not over center)		TOR MK2 SERIES	
ORIENTAL SEKIGAHARA Gravity lowering , electric hoisting	SWE SERIES		
PALFINGER / HARDING AUTOMATIC RELEASE		ARH 23 , ARH 33	
PALFINGER / NED – DECK AUTOMATIC RELEASE		CAR 35	
PALFINGER / NED – DECK SINGLE ARM SLEWING (AND LUFFING) CRANE Gravity lowering , electric hoisting	SCM SERIES ,04-04		
SCHAT – DAVIT SINGLE ARM SLEWING (AND LUFFING) CRANE Gravity lowering , electric hoisting			
Harding / schat –harding ON –LOAD (life not over center)			
Survitec survival craft ON –LOAD (life not over center)			

(umoe) scaht –harding Gravity lowering , electric hoisting	
Zhejiang hengxin ON –LOAD (life not over center)	
Zollern Hydraulic hoisting and lowering , gravity lowering	

Maker	Type / Model
JMU	Gravity &free fall Lifeboat: series of GF, GT, GTR, GTC, S, G, MU-FN, MU-FF GRAVITY &free fall davit: series of MUL, MUF Winch: series of MUW Rescue boat: series of MU-GJ Rescue davit: series of MUR Others JY series of Jiangsu jiaoyan with JMU

Maker	Type / Model
Palfinger	FFLB -(Fast) Rescue boat Rigid, Semi-rigid Hooks / Release Gear -Conventional hook Off-load, Camshaft, locking plate, Intermediate, Rotating cup, Drop-In-Ball -Free Fall hook Camshaft, Hydraulic jack, Rotating cup -(Fast) Rescue boat hook Fixed, Fall wire suspended -Raft hook Fall wire suspended -Combi RB/Raft hook Fixed, Fall wire suspended Davits - Gravity Davit Normal Deck Pivot, Roller Track, Multi Pivot, Slewing, Fixed Arm (Outtrigger), Telescopic - Free Fall Davit FF A-frame, FF Combi-crane, FF Fixed frame - Hydraulic Davit A-Frame Pivoting, Telescopic, Slewing, Deck Pivot, Fixed Arm (Outtrigger) Winches - Mechanical winch Threaded sleeve, Band brake, Knott brake, Eccentric brake, Electro-magnetic brake, Torque set brake - Hydraulic winch Hydraulic brake, Combi mechanical/hydraulic brake

Maker	Type / Model
Zhejiang hengxin	Lifeboat series : BCC , BCF , BCFC , BCFF Rescue boat series : GJ , FRH , RH Release mechanism : Hk Davit series : FH , SA , HDC, LFR , LR, HE, PD, DRH , LB , KN Winch series : DZB, D, DW

Maker	Type / Model	
SNGSANGIN INDUSTRY CO	GRAVITY	DHG-57-FM, HGW-40-FM, DHG-70-FM, HGW-52-FM, HGW-50-FM, DHG-73-FM, HGW-61-DM, DHGD-11-E2E7
	SINGLE ARM	DLRD, DRLD, DSAD, PV combined, DCHH, DPR, DNR, DRBD, DSAC, BSNKJ
	FREEFALL DAVIT	FF, HDF DSAM 11 - E2M0

Maker	Type / Model
MANSEI	Davits: Series of "EBD-", "EM-", "ABD-", "AH-", "AT-", and "AV-" Series of "EH-", "ET-", "EV-", "M-", and "CM-" Series of "D-FH.", "DE-FH.", "MFE-", and "MFH-" Series of "SR-", "SRE-", "R-", "S-", "RD-", "SRE", "R", "S", "RD" and "EHR-" Winches: Series of "EBW-", "ABW-", and "AW-" Series of "EW-", "MW-", and "CMW-"; Series of "06.", and "FW-" Series of "SW-", "RMW-", "MLW-", and "ERW-" Release hooks: Series of "RH-" Davits Series of "sp", "MVD", "GRA" and "SAR" Winches Series of "BH", "BE" and "BA"

Maker	Type / Model
KANGNAM	GTC Series / GTB Series / GTS Series / Life boat , free fall with rescues boat and those release gear

Maker	Type / Model	
IKNOW Machinery Co., Ltd. (Ex. Tsuji Heavy Industries)	DAVIT	H83-1A2, H83-1A2, H83-1A2, H83-1A2, H83-1A2, H83-1A2-A. H83-1A2-A, H83-1A2-A, H83-1A2-B, H83-1A2-B, H83-1A2-C, H83-1A2-C, H83-1A2-D, H83-1A2-D, H83-2A2, H83-2A2, H83-2A2, H83-S, H96-1, H96-1, H96-1, H96-1S, H96-1S, H96-2, H96-2, H96-2, H96-2A, H96-3, H96-3, H96-4, H96-4, H96-5, H96-5, H96-6, H96-6, H96-7, H96-7, H96-8, H96-8, H96-9, H96-9, H96-RS-1, RP-4, H21-1H, H21-1H, H21-1H, H21-2H, H21-2H, H21-2H, TC-H21-05600, TC-H21-05600, T83-1A2, T83-2A2, T83-3A2, T-2S, T-2C, NH-1C, T-1C)
WINCH	EB-5.0L2-3.7, EB-5.0R2-18/9, EB-5.0R2-22/11, EB-5.0L2-3.7-440, EB-5.0R2-22/11-440, EB-5.0L2-3.7 EB-5.0R2-18/9, EB-5.0R2-22/11, EB-5.0L2-3.7, EB-5.0R2-18/9, EB-5.0L2-3.7, EB-5.0R2-22/11, EB-8.0L2-3.7, EB-.0L2-5.5, EB-8.0R2-30/15, EB-	

	8.0R2-22/22, EB-9.0R2-22/11, EB-4.0L2-3.7, EB-4.0R2-18/9, EB-4.0R2-22/11, EB-4.0L2-3.7, EB-4.0R2-18/9, EB-4.0L2-3.7, EB-4.0R2-18/9, EB-4.0R2-22/11, EB-5.0R2B-22/22, EB-5.0L2-3.7-240, EB-5.0R2-18/9-240, EB-4.0L2-3.7, EB-4.0R2-18/9, EB-3.0L2-3.7-200, EB-3.0R2-18/9-200,	
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Maker	Type / Model
DONGWOO	Winch DWS SERIES/ Davit LRDS SERIES/ Davit RBDS SERIES/ HINGED GRAVITY BOAT DAVIT AND FREEFALL DAVIT RESCUEDAVIT AND LIFE RAFT DAVIT/

Maker	Type / Model
SHIGI	Life boat SZ Series / Life boat FEL Series / Davit VOX Series / Hook GARS Series / Open type and release gear

Maker	Type / Model		
GLOBAL DAVIT	Global Davit type code: x1x2x3x4x5x6.(NN,N1)N,NN2/N,NN3-N,NN4 –NN,N5/N,NN6-N,NN7 Example : fhs.R.l.s40/1,3-6,0-14/3,225		F- freefall boat handling L- liferaft handling R- rescue boat handling
	g- gravity powered h- hydraulic powered m- manual powered		
	p- pivot type s- slewing type t- telescopic type		
X4-X6 are the options in case of a multi purpose system And can be:	L – liferaft handling R – rescue boat handling S – stores handling		
NN,N1	SWL-recovery in KN of main purpose		
NN,N2	SWL-launching in KN of main purpose		
NN,N3	Minimum working outreach in m		
NN,N4	Maximum working outreach in m		
NN,N5	SWL in KN of the optional additional purposes.		

NN,N6	Minimum working outreach in m Of the optional additional purposes		
NN,N7	maximum working outreach in m of the optional additional purposes		
Launching and recovery appliances for double point suspended life-saving crafts Global Davit type code: X1XX2XX3-X4/NNN1/N, NN2	X1	G – gravity lowering	
XX2	Sp – embarkation in stowed position Lp – embarkation in lowering position		
XX3	Fp- free standing pivot davit system FL – free standing luffing davit system MP – multiple pivot davit system TT – telescopic track davit system		
X4	H – hydraulic powered		
NNN1	SWL – lowering in KN		
N,NN2	outreach		
GLOBAL DAVIT	winches for launching and recovery of life saving appliances: Global Davit type code : X1,NN1X2.NN2.NN3	NN1	Output torque in kNm
NN2	Reference to the approval related code		
X1	W- winch		
X2	HC - fast rescue boat handling L - lifeboat handling R - rescue boat handling M - manual (liferaft handling) E - electric driven (rescue boat handling or combined rescue boat / liferaft handling)		
NN3	Internal refrence		
Release gears for liferaft and / or rescue boat handling	HRN.12	HOOK,off-load type for rescue boat handling,SWL 12KN	
HRN.28	HOOK,off-load type for rescue boat handling,SWL 28KN		
HRL.26	HOOK,combined type – offload and automatic release hook for liferaft and /or rescue boat handling,SWL 26Kn		

Maker	Type / Model
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WUXI HUAHAI MARINE	Gravity luffing Arm Davit HML60/HML60-00 / HML85/HML85-00 / Free fall lifeboat launching appliance HMD55F/ HMD55F-00/ HMD70F/HMD70F-00 Rescue baots / liferafts launching appliances HMD21D-00 / HMD21D-00 / HMD25T-00 / HMD 25-00 / HMD32-00 Working load 21 Kn/ 21KN/ 25KN/21KN/25KN/32KN Slewing Load 14KN/14KN/14KN/14KN/14KN/14KN Hoisting load 14KN/14KN/14KN/14KN/14KN/14KN Launching speed 40-60m/min / 40-60m/min/40-60m/min / 40-60m/min/40-60m/min / 40-60m/min Electrical Boat winch HMW21 / HMW21-00-0 HMW25 / HMW25-00-0 HMW50 / HMW50-00-0 HMW75 / HMW75-00-0 HMW100 / HMW100-00-0 HMW110 / HMW110-00-0 HMW140 / HMW140-00-0 HMW185 / HMW185-00-0 Rescue Boats Launching Appliances HMD14A / HMD14A -00-0/ HMD30A / HMD30A -00-0/ HMD30A2 / HMD30A2-00-0
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Remarks:

Servicing shall be carried out by trained and qualified personnel. Manufacturer's instructions and limitations on authorization certificates to be followed.
Service Supplier shall notify this society of any changes to procedures, equipment or personnel prior to changes taking effect.