

# Certificate of Authorisation for Service Provider Issued under the provisions of IMO Resolution MSC.402(96)

Issued on behalf of The Government of The Commonwealth of The Bahamas by The Bahamas Maritime Authority

This is to certify that

# **CRALOG A/S**

#### **FOR LOCATION(s):**

#### 1. Knoten 7, DK-9900, Frederikshavn, Denmark

has been assessed and authorised to provide servicing and maintenance of lifeboats, rescue boats launching appliances, release gear and davit-launched life raft automatic release hooks on board ships registered in The Bahamas, under the provisions of IMO Resolution MSC.402(96).

This Company is authorised to perform activities onboard Bahamas Flagged vessel for specific Make & Type listed in ANNEX at <a href="https://www.bahamasmaritime.com/providers">www.bahamasmaritime.com/providers</a>

The company is responsible for keeping and maintaining the list of qualified personnel conducting services for the Make & Type of the ANNEX.

In cases where an equipment manufacturer is no longer in business or no longer provides technical support, the company may be authorised based on prior authorisation.

This Certificate may be withdrawn if:

- 1. The service has been improperly carried out or the results improperly reported.
- 2. The Recognised Organisation has found any deficiencies in the accepted operating systems of the company has failed to inform of any major changes influencing the quality of the service rendered.
- 3. The company has failed to inform of any major changes, having a direct impact on the quality of the service rendered.
- 4. The conditions listed in the certificate are changed and/or are not fulfilled.

Certificate Limitation, if any: N/A

Anniversary Date: 03 Apr 2023

Issue date: 03 Apr 2023

Expiry date: 03 Apr 2026







Christos Papastathopoulos Inspection & Survey Bahamas Maritime Authority



Equipment	Type, Series or Range	Manufacture
Survival Crafts	MDE, KDE	ABAS
Survival Crafts	TELB, PELB	ACEBI
Launching Appliances	A, AF, GRA, PF, PFR, RRP, SPG, TPC, TPF, TPU	
Launching Appliances	R18700	ACOIN
Winch	BE-2	ACOIN
Winch	AIW	ALEXANDER WELIN
Launching Appliances	AHA, ARPV	ARIM
Launching Appliances	AT-LRD	A TECH
Winch	AT10-LRD	A TECH
Survival Crafts	RB, SR	AVON
Launching Appliances	BDA, BDFA, BDF, BDH, BDHP, BDMS, BDL, BDR, BDTD, BDTW, BFRD,BLR, BHI-RLDBM HDFL	
Winch	BA, BDF BHI-EHW BLW, BMW BW, BRW, HDF, PWD	BADA (HI)
Release Gear	BHA, BHR	
Survival Crafts	BDFF-T, BDFF-C, BD-R	DALDEN
Release Gear	BD-LBH,BDHR	BALDEN
Launching Appliances	(BC) PE, PET	DIANCHI O CECCHI
Release Gear	U Hook	BIANCHI & CECCHI
Survival Crafts	JET TENDER 18 RB	CASTOLDI S.R.L.
Launching Appliances	D	COASTAL MARINE EQUIPMENT, INC.
Release Gear	35kN	CHANG SHENG
Release Gear	APR-356-CB/CBH	CRANTSON EAGLE
Survival Crafts	SV	DAFER / NARWHAL
Launching Appliances	Combi	DAESUNG
Release Gear	THP-1B	DAE JIN CO. LTD
Launching Appliances	D.AC.s, D-BR, D-BC.R, D-CRm, D-CRH.R, D-FH, D-FO, D-FOS, D-NP, D-NP.MP. D-NP.SP, D-NPS.SP, D-RB, D,RC,D-RC.T D-RT,D-TT, D-TT.SP,	DAVIT INTERNATIONAL
Winch	01, 02, 03, 04, 06, 07, 12, 40	
Release Gear	OLH, RH	

<sup>1.</sup> The equipment listed above should be understood as:

Survival craft: any lifeboat type including but not limited to freefall lifeboat, totally or partially enclosed LB, fitted with or without sprinkler/deluge system, fitted with or without an air cylinder, tender boat, rescue boat, inboard or outboard engines, propeller, or jet drives.

Launching appliances: any davit type system including but not limited to davit launched life-raft, secondary means of deployment and rescue boat davit. Release gear: any hook release gear such as but not limited to onload/offload, freefall hydraulic, rescue and fast rescue boat release gear. Winch: any which types including but not limited to single/twin drum, hydraulic and electric.

<sup>2.</sup> Some equipment might be not clearly identified as unique equipment type/range and might be part of the same skid unit assembly or rebranded under a new parent company name. in such cases when evidence is provided to the attending RO's surveyor, this can be automatically be accepted by the attending surveyor without consulting the BMA.

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Equipment	Type, Series or Range	Manufacture
Survival Crafts	DSFDD, DSFRB, DSRBD	DENIZSAN
Launching Appliances	DHGD, DNRD, DRBD, DRBLRD	DONGNAM MARINE CRANE
Launching Appliances	DWS	DONGWOO MACHINERY & ENGINEERING CO., LTD.
Winch	DWS	LINGINEERING CO., LTD.
Survival Crafts	IRB	DSB DEUTSCHE SCHLAUCHBOOTE
Survival Crafts	DSBC, DSBF, DSBP, DSBR, DSBRFA, DSBFC, DSBFF	
Launching Appliances	DSBARH, DSBDF, DSBDL, DSBDP, DSBDR, DSBDTL, DSBDYL, DSB23DR	DSB ENGINEERING CO LTD
Survival Crafts	CFL-C,CFL-T, CL, CL-P, CLR, CLX, DRAGON, FRIR, FRR, GAR, GAR-T, GMR, T-GMR, HH, SEL, PLL, PLT, RR	-
Launching Appliances	FFH, FMPD, FPD, FSARR	FASSMER
Winch	DEW , FFWH	
Release Gear	DUPLEX, DUPLEX, FFH	
Survival Crafts	G-FFF, G-FK, G-FYK, G-RB	GEPA
Launching Appliances	PJ	GIBERT & SCHMALRIEDE GMBH & CO. KG
Launching Appliances	GSP.O, RSP.O, GSP.RT, GLP.RT, GSP.FP, GSP.MP, GLP.FP, GLP.MP, GSP.FLH, GSP.FPH, GLP.FLH, GLP.FPH, LMS, LMS.S, LMES.S,R RMS, RMES.S, RMS.L, RMES.L.S, RMS.S, RMS.L.S, RHS, RHS.L, RHS.S, RHS.L.S, LML,RML,RHL, RHP, FHS,FHS.S, FHS.L, FHS.R. FHS.R.S.FHS.R.L., FHS.R.L.S, RHS, RHS.L. RHS.L.S, RHP, RHP.HC	GLOBAL DAVIT
Winch	01, 02 ,04 ,08,10, 14, 20, 26 W05HC, WO8HC, WS	
Release Gear	HR ,HRN, HRL	
Survival Crafts	G-FFF, G-FK, G-FYK, G-RB	GREBEN
Launching Appliances	FOD, GR-RTD, HD, HFF, GD-PD , RLC,r SAR ,SPG	
Release Gear	NLH	
Launching Appliances	HED-PC	HAEAN MACHINERY .
Winch	HHD-PC	

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new parent company name. in such cases when evidence is provided to the attending RO's surveyor, this can be automatically be accepted by the attending
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Equipment	Type, Series or Range	Manufacture
Survival Crafts	GFF, GSL, PEL, RB	НАТЕСКЕ
Launching Appliances	GSPFP, GSP.O, DFR, DR, FFA, FFB	
Winch	FFA	
Release Gear	DUPLEX, 6T , GFF, SIMPLEX	
Release Gear	нмк, нсн	HENRIKSEN
Survival Crafts	HS , HSF	LIOEI CENIDAKLI
Release Gear	HS	HOEI SENPAKU
Survival Crafts	HDL, HDR, HDFL, HDFN, HDFR, HLB, HT	HYUNDAI
Release Gear	TALON	
Launching Appliances	RBD	HANYOUNG ENTERPRISE
Launching Appliances	HL, HL9D	HYDRALIFT (TTS)
Winch	SP	HYDRALIFI (113)
Launching Appliances	HMC, HMD, TTS T	HYDRAMARINE
Launching Appliances	HD	IKNOW MACHINERY
Winch	EB	INNOW MACHINERY
Launching Appliances	ILR	IMT.CO, LTD
Survival Crafts	G, GTC, GTR-F, GTC-C, GTC-F, GT-F	IHI MARINE UNITED INC
Release Gear	JX1	
Survival Crafts	GF, GTR	JAPAN MARINE UNITED COR
Survival Crafts	JYB, SC	JIANGYINSHI BEIHAI
Launching Appliances	PD , RB-H, HB-H, BH-G, LB-H, LA, BH-GH, SA, SMR, SAC, FRH, EH-RD, SRH, FA	
Winch	DS, DZ, DW, YZ, PF, JYBW	
Release Gear	JYBHK, JYB- HKF	

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Equipment	Type, Series or Range	Manufacture
Survival Crafts	JYQ- QFPN, JYM- FN, JY-FF, JY-FN, JYM-FF	
Launching Appliances	JYA,JYF, JYGR, JYL, JYH, JYHG, JYP, JYR, JYRCA	JIANGSU JIAOYAN (JIANGYIN XINGJIANG)
Winch	FW, JYW, JYWP, JYRZ	
Release Gear	JX, JXN	
Survival Crafts	NPT	
Launching Appliances	NPT	JIANGYIN NEPTUNE
Winch	DW, DS NPT-DW	JIANGTIN NEI TONE
Release Gear	NPT	
Survival Crafts	JΥ	
Launching Appliances	JY-FH, JY-HE, JY-LFR, JY-PL, JY-SA, JY-LRHE, JY-PLR	JIANGYIN WOLONG
Winch	JYD	JIANGTIN WOLONG
Release Gear	FHK, JX-1, HK	
Launching Appliances	PCRLC	JUNG-A-MARINE CO., LTD
Launching Appliances	RB	KGW SCHWERINER
Survival Crafts	RB, GTC 700	MARE SAFETY
Launching Appliances	A-TYPE, G-TYPE, T-TYPE HMD	MACGREGOR (TTS) (HYDRAMARINE)
Launching Appliances	ABD, AH, AT,AV, D-FH, EH, EHR, EM, FE, FH, GRA, M, MVD, R, RD, SAR	MANSEI (MURIA)
Winch	ABW, AW, CMW, EW, EBW, ERW, FW MLW, MW, SW, RMW, RBH, LBH, 06	
Release Gear	RH	
Release Gear	ROCLOC	MADROCK (SURVITEC)
Survival Crafts	ALUSAFE, 17 SOLAS, 1200DC, WEEDO, SPRINGER, SEA BEAR	MARITIME PARTNERS
Survival Crafts	SV	NARWAL
Launching Appliances	FDRB , SGHD- L, SPHD- T, SPDT L, SPDT T, SPDT R	NAVIM GROUP
Survival Crafts	1.1	NAVIGATIONS
Survival Crafts	BJ, YZ, YZC/ F, YZFF/ YZRA, YZRB, FC	NINGBO ASIA F.R.P.
Launching Appliances	L, YZ, YZF, ZFDZ	
Release Gear	НК	
Survival Crafts	NM	NINGBO NEW MARINE
Launching Appliances	NMPL, NMN, NMAR	
Survival Crafts	G-DR, G-TR, G-FR, FF, CML, EML, NF, NFA, PML, SM , FRP	
Survival Craffs		NISHI-F (EX. ISHIHARA)

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Survival craft: any lifeboat type including but not limited to freefall lifeboat, totally or partially enclosed LB, fitted with or without sprinkler/deluge system, fitted with or without an air cylinder, tender boat, rescue boat, inboard or outboard engines, propeller, or jet drives.

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Equipment	Type, Series or Range	Manufacture
Launching Appliances	BPK, KD.2	NMF
Launching Appliances	PL, SDP	NOR DAVIT
Winch	SP	NOR DAVII
Survival Crafts	TELB	OY FISKARS AB
Release Gear	31-37KN	OPTIMUN MARINE
Launching Appliances	DHA, DMA, FD, HGD, HGK, SHS, RD,	ORIENTAL PRECISION
Winch	BWE, SWE, RDW, WL	ORIENTAL PRECISION
Survival Crafts	CTL, FF, KISS, MPC, NPT-C, NPT-F, NPT-FC, NPT-FF, NPT-P, RSQ, FRSQ, CTYL, MCB, ML, MOB, MOBRC, PELB, PERB, Mk 1,2,3,4, 5, 4.9 RB. WFF, TELB, PELBT, NPT, PN, NMD 4.40 RESCUE, 351, 361, 363, 365,366, 366HRL, 367,368, ,369, 371, 371 HR, 375, 374,377,378, 379,391, ,372, 393, LBF, LBP, LBT, RRB, FRC	PALFINGER (SCHAT-HARDING, HARDING, WATERCRAFT, MULDER&RIJKE, NOREQ, NDM, NED-DECK, SCHAT DAVITS, DAVIT COMPANY, MILLS, ACTA, LAR, SEC NORMAR) (WATERMAN OY
Launching Appliances	FF, FPG, NPD, NPT, NPT -DF, NTD, PFH, SCM-L, SCH-R, SCM - R, VIP, ORD, HD-FL, GRA, HD-RT, HD-SPG, HD-VIP, SPG(L), SPG(VL), SPD, LAR, SAR, SPR, SRR, SA, LA, FF, FPG, PFH, PLG, PRH, PRHE, SCH, SCM, SCT, SEC, DC, DR, HSC, MOB, NPD, NPDS, NRD, SCH, SCHD, SCM	
Winch	BE, FME, CW, HD, LN, MW, W, 04, 15, BREVINI BWC 050, BREVINI BWF 025, HWCT, KNT, NW	
Release Gear	ARH, CAR, FFH, KISS, LHR, LHR M2, NPT, RRH, JXN	
Launching Appliances	CHCD 2,507+ RLC 2,1/4,5, GRA,	PELEGRINI MARINE EQUIPMENT
Survival Crafts	BSC, BSL	PESBO S.A
Release Gear	BSL	
Survival Crafts	BH, BH-F, BH-R, BH-HR	QINGDAO BEIHAI
Launching Appliances	BD-AR, BD-PL, BD-PV, BD-FF, BD-SA, BD-SH	
Winch	BW-LL, BW-HL, BW-HR, BW-SC	
Release Gear	BG	
Launching Appliances	RDA, RDT	REDROCK
Launching Appliances	HP2, MS	SEC (SHIPS EQUIPMENT CENTRE)
Winch	WL	CENTRE)

<sup>1.</sup> The equipment listed above should be understood as:

Reflecting appliances, any davit type system including but not limited to down fault and rescue boat of several policy and the second of the s

Winch: any which types including but not limited to single/twin drum, hydraulic and electric.

Survival craft: any lifeboat type including but not limited to freefall lifeboat, totally or partially enclosed LB, fitted with or without sprinkler/deluge system, fitted with or without an air cylinder, tender boat, rescue boat, inboard or outboard engines, propeller, or jet drives.

Launching appliances: any davit type system including but not limited to davit launched life-raft, secondary means of deployment and rescue boat davit.

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Equipment	Type, Series or Range	Manufacture
Launching Appliances	SF, SFA, SFB, SFP, SHS, STS	CENTCATIADA
Winch	SNW, SWE	SEKIGAHARA
Launching Appliances	FFR, PR4M1100HR	SERVO SHIP S.L
Winch	FFRW	SERVO SHIF S.E
Launching Appliances	ZZ-ZŁ J, ZZ-ZŁJ2, ZZ-ZOL, ZZ-ZOT	SEZAMOR
Release Gear	HLR, HS	SLZAWOK
Launching Appliances	FH, SAF	SHANGHAI HENGYUAN MARINE EQUIPMENT
Survival Crafts	FEL, SZBR, SZRS, SZTR / TRS, SZP, SZPR, VOX46, FRP	CHICI CHIDDHII DINC
Release Gear	SRS, SZK	SHIGI SHIPBUILDING
Launching Appliances	SMRBD-SD, SMRBD&LRD, SMRBD&PV, SMRB&LRD-FT	SHIN MYUNG TECH
Survival Crafts	Z, FFB , R, RIB	CTOCZNIA LITCKA CD
Launching Appliances	PZ, HZ	STOCZNIA UTSKA SP.
Survival Crafts	FF, SC	
Release Gear	SAFELAUNCH , ROCLOC, SLA 3.5	SURVITEC (MAD ROCK)
Survival Crafts	CA	D9 /
Launching Appliances	PL	CLIDVIVAL CVCTEMC INT
Winch	W	SURVIVAL SYSTEMS INT
Release Gear	SURESAFE, TRIPLE	
Release Gear	PX01, 02, 03	T-ISS BV
Survival Crafts	TL, KL	TSUNEISHI
Release Gear	43GS-1	
Launching Appliances	H, TC	TSUJI HEAVY INDUSTRIES
Winch	EB, TC	
Launching Appliances	ZO, ZT	ULSTEIN FAMA (FAMA GNIEW)
Winch	ERM, ER10B	
Survival Crafts	VG-C, VG-F, VG-HLB, VG-KR, VG-DRS, VG-FRK,VG-FRW	VANGUARDE
Launching Appliances	DH, HS, LE, MS, PFH, PL, PR, PRH, SRH, VL, VS	
Release Gear	SH, C-safe	

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Survival craft: any lifeboat type including but not limited to freefall lifeboat, totally or partially enclosed LB, fitted with or without sprinkler/deluge system, fitted with or without an air cylinder, tender boat, rescue boat, inboard or outboard engines, propeller, or jet drives.

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Equipment	Type, Series or Range	Manufacture
Survival Crafts	DR, FL- 50	VERHOEF
Release Gear	TWISTLOCK	VERHOEF
Launching Appliances	L, P, PL,PLP, PLR, PLAR PLD, PAP, PAPH, PLI, TBD	VESTDAVIT
Survival Crafts	GES, JYN-T, JYN-C, MAUD, MAGGIE, MAXIMA, MINIMA, MIRAM, MATILDA	- VIKING-NORSAFE (JIANGYIN,
Launching Appliances	A, C, D, E, H, HD, LH, NDA, NDC, NRC-R, NDSC-R, NRB, SW	JORGENSEN & Vik,
Winch	DW, HYD-FF	WATERCRAFT HELLAS)
Release Gear	HRS, NFFH, K4,TOR	
Launching Appliances	LRW , SARBE	WEITHLE
Winch	55, 5619, 53, 9502, 97 , RBW	WELIN LAMBIE
Launching Appliances	FREE-FALL LIFEBOAT DAVIT (F55-F70), GRAVITY - LUFFING ARM (18KN-110KN), GRAVITY RESCUE BOAT / RAFT DAVIT (21KN-35KN), GRAVITY ROLLING TYPE DAVIT (25KN-30KN), RESCUE BOAT (A30/ H35 DCW210 NPT100	WUXI DONGWU
Winch	DS/Z, D/Z	
Survival Crafts	BH, BJ, BG, HH-C, HH-T, HH-TS, HH-CS, HH-FC , HH-FF, JG	- WUXI HAIHONG
Launching Appliances	HMB, HMD, HMDA, PD 23KN	
Launching Appliances	HMB, HMD, HMDA, PD	WUXI HUAHAI
Winch	HMW	
Survival Crafts	BH, BJ, WJBF WJBC, WJFF, WJFFC, WJ, BH, BJ, WJ, WJRA, WJRB	WUXI WENJIAO
Release Gear	НК	
Launching Appliances	SMC, SMD, SHMDL, HMDA, SMDF, SMDP	WUXI SHENGOU
Release Gear	XS	WUXI XINGSHENG
Survival Crafts	YH, YH-FRA, YH-FRB, YH-DR, YH-QFP, YH-R	ZHENJIANG MARINE AUXILIARY MACHINERY
Launching Appliances	PL,L, FH,SAFC,SRH, ZF_SAW	
Winch	D,DP, JYRZ, SAW	

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Equipment	Type, Series or Range	Manufacture
Launching Appliances	YSJ	ZHEJIANG TAIZHOU WANTONG MARINE
Launching Appliances	WME-LRH	ZHENJIANG WEST MARINE
Winch	WME-LRH	EQUIPMENT CO. LTD
Winch	ZR , A2FM45-61A, ZHP	ZOLLERN

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