



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):

- CRALOG, KNOTEN 7, 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 www.bahamasmaritime.com/COA-BASP-010

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This Certificate may be withdrawn if:

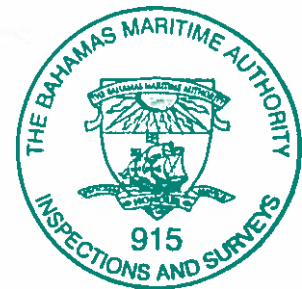
1. The service has been improperly carried out or the results improperly reported.
2. The Recognised Organisation has found any deficiencies in the accepted operating systems of the service supplier.
3. The company has failed to inform of any major changes having an effect on the quality of the service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

Certificate Limitation, if any: N/A

Anniversary Date: 03 MAR 2020

Issue date: 03 MAR 2020

Expiry date: 03 MAR 2023



Alessandro Lo Piccolo
Assistant Director, Inspection & Survey
Bahamas Maritime Authority



Equipment	Type	Manufacturers
Davit	MDE HSC	ABAS
Davit	GRA TPC SPG RAD TP	ACEBI
Davit	DR NDA MDE MOB HSC DC HYDELEC HTD7N	ACTA
Davit	ElectricDriven	AQUA-TEKNIK AS
Davit	ARPV ARLD-20P TX8M/R AMD	ARIM MACHINERY
Davit	HMD	CARGOTEC
Davit	FF	DAELIM MARINE
Davit	MOB FM NDP GravityQuadrant AMS	DAVIT COMPANY
Davit	D-HP D-NP D-FO D-CRC D-CRM D-BR D-NPS D-FH D-HF D-FN D-FS D-CRRC D-CR D-CRMR D-RC D-RF D-RT D-FG D-F D-BC D	DAVIT INTERNATIONAL

	RH20 D-CRM-R D-RCS	
Davit	D-SAD DR DSAD DRBD DNRD DCPV DHG DHGD DLBW	DONGNAM MARINE
Davit	DBD DBS	DONGWOO MACHINERY & ENGINEERING CO. LTD.
Davit	DSB	DSB ENGINEERING CO LTD
Davit	FFA FFD FFB GSPFP	ERNST HATECKE
Davit	FFH FFB FSARR FMPD FHD FPD FSAR FLR FOD	FASSMER
Davit	R	FERRI
Davit	RHS RMS RHD RMD LMS LHS RHS.HC FHS RHP RHT RSP RHS.L RMS.L GLP LGP GSP	GLOBAL DAVIT
Davit	HFF	GREBEN

	EW RD	
Davit	PH	GREVEN VELA LUKA CROATIA
Davit	GDFFD GD-FFD NFFH GD-FF GDKV GD-KHK GD-RRS MIDGET FFD GD-SK	GURDESAN
Davit	COMBINED A-FRAME H2RL	HAEAN MACHINERY
Davit	LA SRR FR VIP SPR NPD NPDS	HARDING
Davit	M.S80	HARDING BJORKE
Davit	FL	HARDING SAFETY A/S
Davit	VIP	HARDING WATERCRAFT
Davit	FFA FFB GFF GSP GSPFP DFR	HATECKE
Davit	LB	HUDONG ZHONGHUA SHIPBUILDING GROUP
Davit	HRT	HYDRAKRAFT
Davit	HL6D HL	HYDRALIFT
Davit	HMC HDM HMD	HYDRAMARINE
Davit	H TC T	IKNOW MACHINERY CO., LTD (EX. TSUJI HEAVY IND. CO., LTD)
Davit	MUL MUW MUF MUR	JAPAN MARINE UNITED CORP. (EX. IHI MARINE, IHI AMTEC, IHI CRAFT)

Davit	JYF JY FW JYRC JYR FN JY-HG JYM JYH	JIANGSU JIAOYAN MARINE EQUIPMENT CO. LTD.
Davit	NPT-DR NPT NPT-DF NPT-DL DR	JIANGYIN NEPTUNE MARINE APPLIANCE CO., LTD.
Davit	HD FRP NDSC	JIANGYIN NORSAFE
Davit	LH JY JY-FF JY-CF JY-FH JY-C TPC	JIANGYIN WOLONG F.R.P. BOAT CO. LTD.
Davit	RLW	KHAN HOCHANG
Davit	T	LABROY SHIPBUILDING & ENGINEERING PTE LTD
Davit	HMD A34MkII	MACGREGOR
Davit	M EH E GRAVITY N SR	MANSEI INDUSTRY CO. LTD.

	S R DH D-FH M-FH	
Davit	MV	MIURA MACHINE CO LTD
Davit	MVD	MIURA VIDER
Davit	MIDGET	MJØSUND BÅT & HYDRAULIK
Davit	SPG FFD HW RC	MONTMONTAZA GREBEN
Davit	YF JY-FF ARL QCC	NANJING DONGSHENG MARINE EQUIPMENT CO. LTD.
Davit	GDMP GDET NPS	NAVALIMPIANTI
Davit	PRH SCM SCH SCT MS SCHD HS FFH	NED DECK MARINE
Davit	L YZL LE ZF DZ B	NINGBO ASIA F.R.P. BOAT MANUFACTURING CO LTD
Davit	FFD C	NINGBO KAIRONG
Davit	BPK KD BPK2	NMF
Davit	SSP SSP6 E21	NOR DAVIT
Davit	NPDS NPD NDP LBT	NOREQ
Davit	GPS	NORLIFT
Davit	HD FFA NDSC	NORSAFE

	SAFC SAF NDSC-R NRC NDA TORMK2	
Davit	RD RTD SWE HGD SHS DHA DMA RDW HGK FD WL	ORIENTAL
Davit	FD RD HGD SHS RTD SWE DMA DHA RDW HGK WL	ORIENTAL PRECISION & ENGINEERING CO. LTD.
Davit	FF PRM PRH PFH NPDS SCM SCHD	PALFINGER
Davit	RCL	PELLEGRINI
Davit	BD BH-R4	QINGDAO BEIHAI
Davit	RDA	RED ROCK
Davit	MOB PAR-15	SCHAT COMPANY
Davit	FME SPR FFLS FF FFD SRR MOB PAR21	SCHAT DAVIT COMPANY

	SPR9 BE	
Davit	FFS UZ HD SA TME FF LA RSD SPG VIP SPR SSR SRR SPMOB PAR NT GSP NPDS	SCHAT HARDING
Davit	FF FFB LB	SCHAT HARDING COMPANY (PALFINGER)
Davit	RB	SCHIFFSWERFT RECHLIN GMBH
Davit	HS HP	SEC GRONINGEN
Davit	MS HS GT HT MT	SEC SHIP EQUIPMENT CENTER
Davit	SH SFB SHS STS SSS SFS SFA SFC SFD SJS SJR S SHN	SEKIGAHARA SEISAKUSHO LTD
Davit	MOB	SEKWANG MARINE MACHINERIES
Davit	Single Arm	SERVO SHIP
Davit	ZOK ZZ-ZLJ	SEZAMOR

	ZZ-ZLJ2 ZOL ZZ ZZ-ZOT ZZ-ZOL ZZ-ZOLT	
Davit	ZFQ	SHANGHAI SHIP DESIGN AND RESEARCH INSTITUTION
Davit	SRR	SHAT HARDING
Davit	SMLRD SMRB	SHIN MYUNG CO LTD
Davit	SNDS	SHIN NIPPON KOKI
Davit	HZ	STOCZNIA-USTKA
Davit	ZTL	TAIZHOU ZHONGTIAN SHIPBOARD EQUIPMENT LTD
Davit	HL HP HL9DP	TTS
Davit	ZO	ULSTEIN FAMA
Davit	Gravity	USSR
Davit	FL	VERHOEF
Davit	PLR C PL PLRS TDB	VEST DAVIT
Davit	NRC	VIKING NORSAFE
Davit	Gravityslewingtype	VOLPIN MARINE
Davit	28WOD	WATERCRAFT AMERICA INC.
Davit	SARB	WELIN LAMBIE
Davit	GRAVITYDAVIT	WHITTAKER
Davit	HMCD HMD HM	WUXI HUAHAI MARINE EQUIPMENT
Davit	YNBD YNHD	YOUNG NAM MACHINERY CO.,LTD
Davit	FH	ZHEJIANG MARINE
Davit	DZJ YSJ	ZHEJIANG TAIZHOU WANTONG MARINE MACHINERY CO LTD

Davit	DW	ZHENGJIANG DH MARINE EQUIPENT
Davit	LE	ZHENGJIANG MARINE AUXILIARY MACHINERY WORKS
Davit	FH SA	ZHENJIANG HENGXIN SHIP EQUIPMENT CO. LTD.
Davit	FH F FR75 SAFC SAF SAPC LE GL HDC HDCL PL FM SHA LFR PR SA SH HE RE	ZHENJIANG MARINE AUXILIARY MACHINERY WORKS
Davit	WME	ZHENJIANG WEST MARINE

Equipment	Type	Manufacturers
Lifeboat	FRB	ALUSAFE
Lifeboat	SR	AVON
Lifeboat	PACIFIC 24	BAE SYSTEMS
Lifeboat	BD	BALDEN
Lifeboat	VALIANT	BRUNSWICK CORPORATION
Lifeboat	TL	DALIAN SONGLIAO GLASS
Lifeboat	SV NARWHAL	DAYFER
Lifeboat	VIKING	DELTAQ PLAST
Lifeboat	IRB RB DSB SR	DSB ENGINEERING CO LTD
Lifeboat	SR	DUARRY
Lifeboat	GFF RB LB GSL	ERNST HATECKE

	FFB FF F-1419 GLS GF PEL FRB	
Lifeboat	RB RR MOB GAR CFL GMR DRAGON CL CLR TGMR CLR-T CL-T CLR-C CL-C GAR-T CFL-C FFB CFL-C66E FRR FR(i)B FRB SEL PL CL-P SEL-T SEL-R	FASSMER
Lifeboat	G G-FFF G-FF G-RB G-F G-FRB	GEPA
Lifeboat	FFL RB	GERBEN VELA LUKA CROATIA
Lifeboat	MOB RRB FF MC MCR MCM MCBC MCBRC	HARDING

	LBT NPDS	
Lifeboat	MS	HARDING BJORKE
Lifeboat	LBF RRB MCB	HARDING SAFETY A/S
Lifeboat	GFF GSL GSAR RB Safer400 PL GFF4 PEL FRB	HATECKE
Lifeboat	BCF	HENGXIN OFFSHORE & MARINE
Lifeboat	HGD HDFL HD HDL HLB HDF HDFN FF HDR HDFR	HLB (EX, HYUNDAI LIFEBOATS) CO. LTD.
Lifeboat	HS SO SM FO FM	HOEI SENPAKU CO., LTD
Lifeboat	HD HT	HOLEN
Lifeboat	GTC	IHI CRAFT CO. LTD
Lifeboat	G ML F	ISHIHARA DOCKYARD CO LTD
Lifeboat	GF GTR GTC MU-FN MU-FF S G MU-GJ	JAPAN MARINE UNITED CORP. (EX. IHI MARINE, IHI AMTEC, IHI CRAFT)
Lifeboat	GJ JY-FN JY FN	JIANGSU JIAOYAN MARINE EQUIPMENT CO LTD

	JYM-FN FW JY-FF JYM-FF FRP JYM JY-QFP JY-QFN JY-QF JN	
Lifeboat	NPT	JIANGYIN NEPTUNE
Lifeboat	JYN GES MATRIX MIDGET MERLIN MATHILDA	JIANGYIN NORSAFE
Lifeboat	JY	JIANGYIN WOLONG F.R.P. BOAT CO. LTD.
Lifeboat	GJ	JIANGYIN XIN JIANG F.R.P. CO., LTD
Lifeboat	SC LSA JYB JYM	JIANGYINSHI BEIHAI LSA CO. LTD.
Lifeboat	MOB	JORGENSEN & VIK
Lifeboat	KL TL	KAMBARA RINGYO CO LTD
Lifeboat	FRB GTC MSDC MSRB	MARE SAFETY
Lifeboat	SPRINGER WEEDO MP SEABEAR ALUSAFE	MARITIME PARTHER
Lifeboat	FAVOURITE	MNEV & CO
Lifeboat	TEL FFL RB	MONTMONTAZA GREBEN
Lifeboat	MR GRP	MULDER & RIJKE
Lifeboat	RR	NEUVISA
Lifeboat	YZ	NINGBO ASIA F.R.P. BOAT MANUFACTURING CO LTD
Lifeboat	NM-R	NINGBO NEW MARINE
Lifeboat	G ML	NISHI-F CO., LTD,. (EX. ISHIHARA DOCKYARD, NISHI-NIPPON)

	F	
Lifeboat	LBF LBT RRB MIRIAM FRB	NOREQ
Lifeboat	TELB FRC FF GRP RESCUE JY-FF	NORMAR
Lifeboat	MIDGET MATRIX NDC JYN GES TELB MATHILDA MIRIAM MAUD MAGGIE GLS MK11T MERLIN MAKO MAGNUM MAXIMA MKV MINIMA	NORSAFE
Lifeboat	FRSQ MCB RSQ	PALFINGER
Lifeboat	BSL	PESBO
Lifeboat	PD	PRODUCTION DEPARTY
Lifeboat	BH BH-F BD	QINGDAO BEIHAI
Lifeboat	KL TL 43GS	SANYO WORKS CO LTD
Lifeboat	TECB KISS MCD FF MOB MPC FRB MCB	SCHAT HARDING

Lifeboat	NS	SCHAT WATERCRAFT (PALFINGER)
Lifeboat	RB	SCHIFFSWERFT RECHLIN GMBH
Lifeboat	SH SFB SHS STS SSS SFS SFA SFC SFD SJS SJR	SEKIGAHARA SEISAKUSHO LTD
Lifeboat	JN	SHANGHAI JIANGNAN BOATBUILDING CO. LTD.
Lifeboat	SZ FEL GARS SZ-53TR VOX BOX OPEN	SHIGHI SHIPBUILDING CO. LTD.
Lifeboat	CAPSULE	SSI
Lifeboat	FFB R44 FFB	STOCNIZA USTKA
Lifeboat	ZODIAC RIBO RIBO RB DSB FRB	SURVITEC
Lifeboat	SURVIVAL CAPSULE	SURVIVAL SYSTEMS INTERNATIONAL
Lifeboat	ZTB	THAI ZHOU ZHONG TIAN
Lifeboat	KL TL	TSUNEISHI FACILITIES & CRAFT CO. LTD.
Lifeboat	3CA	USSR
Lifeboat	RB	VALIANT
Lifeboat	VG	VANGUARD
Lifeboat	GRP RB MIDGET NARWHAL MOB VALIANT MCB	VIKING
Lifeboat	RR	VIKING NEUVISA

Lifeboat	C-140	VIKING-NORSAFE
Lifeboat	WFF WWF R5	WATERCRAFT
Lifeboat	EL	WATERCRAFT AMERICA INC.
Lifeboat	TELB	WATERCRAFT INTERNATIONAL
Lifeboat	GJ HH	WUXI HAIHONG
Lifeboat	RB	WUXI WENJIAO
Lifeboat	BCF BCFF GJ GRP	ZHENJIANG HENGXIN SHIP EQUIPMENT CO. LTD.
Lifeboat	ZJM	ZHENJIANG JUST MARINE EQUIPMENT CO LTD
Lifeboat	YH4	ZHENJIANG MARINE AUXILIARY MACHINERY WORKS
Lifeboat	RB RIBO FRB	ZODIAC

Equipment	Type	Manufacturers
Winch	MDE	ABAS
Winch	TBE TR TE	ACEBI
Winch	Electric	AQUA-TEKNIK AS
Winch	BAW BDF BLW BMW BRW BWL BWR FHW PWD	BADA HEAVY IND. CO.,LTD (EX. DAERYUCK MACHINERY)
Winch	FB FM 18 AR/V/E Electric Driven	DAVIT COMPANY

	MANUAL	
Winch	03.07.02 06.17.01 02.09.15 06.05.02 D-FH 03.04.04 06.05.11 06.21.01 02.11.02 02.13.05 04.10.05 D-CRC 04.23.02 D-CRM D-BC 04.17.02 03.03.02	DAVIT INTERNATIONAL
Winch	DHGD HGW DLBW DSAD DRLD LHRD DRDB DSND	DONGNAM MARINE
Winch	DBS DWS LW RW	DONGWOO MACHINERY & ENGINEERING CO. LTD.
Winch	DEW Hydraulic FSARR	FASSMER
Winch	60 MMI	FERRI
Winch	W02 W04 W07 W08 RMS.L FHS.S RMS W02E.31.02qr 02E Single Drum RHS.L	GLOBAL DAVIT
Winch	EW SAR	GREBEN
Winch	GD-FLW GD.KV	GURDESAN

	GD-PR GD-RRS	
Winch	H2RL	HAEAN MACHINERY INDUSTRY CO. LTD.
Winch	EW8PL HS	HARDING
Winch	LWO855 R	HARDING SAFETY A/S
Winch	BA BM BW BL BR	HLB (EX, HYUNDAI LIFEBOATS) CO. LTD.
Winch	LB	HUDONG ZHONGHUA SHIPBUILDING GROUP
Winch	SP7	HYDRALIFT
Winch	B	HYDRAULIK UND MASCHINENBAU
Winch	EB	IKNOW MACHINERY CO.,LTD (EX. TSUJI HEAVY IND. CO.,LTD)
Winch	ZHP	INI HYDRAULIC
Winch	JYFW JYW JYWN JYRZ JYF RZ21 FW FW45 JYR	JIANGSU JIAOYAN MARINE EQUIPMENT CO LTD
Winch	NPT NPT-DW	JIANGYIN NEPTUNE MARINE APPLIANCE CO.,LTD.

	HK JYBW	
Winch	RLW	KHAN HOCHANG
Winch	OM 800	KNARDALSTRAND ENGINEERING
Winch	M MW EH SW EW EELF	MANSEI INDUSTRY CO. LTD.
Winch	MV	MJØSUND
Winch	Brevini	MONTMONTAZA GREBEN
Winch	EW REW RBEW RMW EWR DG-EHW	NAVALIMPIANTI
Winch	WL 04-03 E 04-03 M 04-04E 04-04M	NED DECK MARINE
Winch	DS DZ Z YZD D	NINGBO ASIA F.R.P. BOAT MANUFACTURING CO LTD
Winch	KR-1	NINGBO KAIRONG SHIP MACHINERY CO LTD
Winch	F187 KD BPK	NMF
Winch	E21	NOR DAVIT
Winch	GPS	NORLIFT
Winch	DW HD BWE	NORSAFE (VIKING/ZhenjiangDH)
Winch	BWE SWE RDW WL	ORIENTAL
Winch	RDW WL SWE FD BWE RD	ORIENTAL PRECISION & ENGINEERING CO. LTD.

Equipment	Type	Manufacturers
Hook	BDR BHR BHA	BADA HEAVY IND. CO.,LTD (EX. DAERYUCK MACHINERY)
Hook	BD	BALDEN
Hook	U-HOOK	BC
Hook	U-HOOK	BC SERVICE
Hook	U-HOOK	BIANCHI CECCHI
Hook	1 2	DALIAN SONGLIAO GLASS
Hook	RH RB OLH OFFLOAD OHL ALH	DAVIT INTERNATIONAL
Hook	F FF GFF Free Fall Hydraulic SIMPLEX DUPLEX	ERNST HATECKE
Hook	DUPLEX DUPLEX 2 FF F Hydraulic Release Hook GAR	FASSMER
Hook	G-K Hydraulic GEPA Hydralic	GEPA
Hook	HRN HRL HR	GLOBAL DAVIT
Hook	RB2	GUNNEBO SWEDEN
Hook	ARH RRH Off Load twin hooks Harding Patent gr. 1 LHR9M2	HARDING
Hook	Off Load twin hooks	HARDING BJORKE
Hook	SIMPLEX RAFTI DUPLEX	HATECKE
Hook	HMK HCH	HENRIKSEN

	HMKST 3 HMK 5	
Hook	TALON II TALON THP BD HD BH BF	HLB (EX, HYUNDAI LIFEBOATS) CO. LTD.
Hook	Mark	IHI CRAFT CO. LTD.
Hook	TN2500	INDUSTRIA FERRI
Hook	JXN-3 JX-5 JXN OFF LOAD GJ JX JX-1 FF HK JX-4 JX-2 3XN-1C JXN-1C JY NPT JX-3	JIANGSU JIAOYAN MARINE EQUIPMENT CO LTD
Hook	K4 HK56 GES	JIANGYIN NORSAFE
Hook	JYB HK JYBHK JYBHKF	JIANGYINSHI BEIHAI LSA CO. LTD.
Hook	NOHF	KETTEN WALDER GMBH
Hook	LSA	LSA SERVICE GMBH
Hook	DIB	NADIRO
Hook	RH	NAVAL IMPIANTI
Hook	CAR	NED DECK MARINE
Hook	Off Load twin hooks	NGF REDNINGSBAD
Hook	LBF	NOREQ
Hook	TOR TOR MK K4 FM TOR MK2 KYFM	NORSAFE

	FF NFH KD K4-FM HK MK MK-1 MK-2 K-4-FM	
Hook	CAR FFH RRH CAR35F MOB	PALFINGER
Hook	HK10	PEWAG
Hook	BG BHH BH FS	QINGDAO BEIHAI
Hook	Safelaunch SLA 3.5	SAFELAUNCH
Hook	RRH ARH MOB SSR TOR MILLS LHR CAR H86 H-86-M FFH RH	SCHAT HARDING
Hook	HYDRAULIC	SCHAT WATERCRAFT (PALFINGER)
Hook	GD 2000	SERVO SHIP
Hook	ARH HS HLR	SEZAMOR
Hook	HH 43GS	SHANGHAI SHENKONG
Hook	DUPLEX SZK SZ SRS	SHIGHI SHIPBUILDING CO. LTD.
Hook	Safelaunch SLA TRIPLE 5 LX	SURVITEC SURVIVAL
Hook	IRB	TANNER

Hook	43GS	TSUNEISHI FACILITIES & CRAFT CO. LTD.
Hook	WILINS	USSR
Hook	SH SPEARHEAD	VANGUARD
Hook	TH	VEST DAVIT AS
Hook	CAR HR VIKING 1 DIB	VIKING
Hook	WHK	WUXI MINGZI MACHINERY
Hook	YDGS	YILMAZ DENIZCILIK
Hook	HK BYD	ZHENJIANG HENGXIN SHIP EQUIPMENT CO. LTD.
Hook	RH	ZODIAK