

# APPROVAL OF SERVICE SUPPLIERS

Certificate No:  
**AOSS00000H2**  
Revision No:  
**6**

This is to certify that

**Delmar Safety Inc.**

**Houston, USA**

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 DNVGL-CP-0484.**

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 **2021-07-10** to (inclusive) **2024-07-09**.

This Certificate is issued on **2021-09-01**.



for **DNV**

This document has been digitally signed and will therefore not have handwritten signatures

**Nguyen, Tuan Thanh**  
**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This Certificate may be withdrawn if: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:**

This Service Supplier is approved for maintenance, thorough examination, operational testing, overhaul and repair of the following equipment:

**Lifeboat (including freefall lifeboats)**

Make	Model/ Series
DSB	DSB, DSB series
Ernst Hatecke GMBH	GSL-M; GSM-M-T; PEL/PEL-R/ PEL-R-T
FR. Fassmer GMBH	CL; CL(R); CLX; CLX(R); CFL; CFL(E)
Gepa	G-FK; G-FK-FP; G-FFF1; G-FFF-2; G-FFF3; G-FFF1-FP; G-FFF-2-FP; G-FFF3-FP; G-FYK; G-FYK-T;
Harding Safety A/S	NPT-C; KISS-C; NPT-F; KISS-F; NPT-FC; NPT--FF; FF; FF-SM2; CTL; CTL-SV; MPC
HLB(ex-Hyundai Lifeboats)	HDL-CT; HDL-CTA; HDL-CTR; HDL-CTN; HLB-T; HDL; HDL-CF; HDL-CFA; HDL-CFR; HDL-CF; HDL-CNF; HLB-F; HDFN-T; HDFN-F; HDL; HD
IHI Marine United CO	GTR; MU-FN; MU-FF;
Ishihara Dockyard CO	G;ML;F
Japan Marine United Corp.	GF;GTR;GTC;MU-FN; MU-FF
Jiangsu Jiaoyan Marine Equipment	JY-QFP; JY-QFP-A; JY-QFP-X; JY-FN; JYM-FN; JY-FF; JYM-FF;
Jiangyin Neptune/Marine Appliance	NPT-C; SC-C; NPT-F; SC-F; NPT-FC; NPT-FCA; NPT-FF; NPT-FFA; NPT-P; NPT-PT;
Jiangyin Norsafe	JYN, MIRIAM; MAGGIE; GES; GES-MKIII;
Jiangyin Wolong/FRP Boat CO	JY-C; JY-CA; JY-F; JY-FA; JY-CF; JY-FF; JY-P; JY-K
Jiangyinshi Beihai LSA CO	JYB
Montmontaza Greben	TEL; FFL; FFL-FP
Ningbo Asia FRP Boat Manufacturing CO	YZ-C; YZ-CS; YZ-F; YZ-FS; YZ-FC; YZ-FF;
Ningbo New Marine Lifesaving Equipment CO	NM-C; NML-C; NM-F; NM-FC; NM-FF; BJ
Nishi F CO	EML; CML; G-ATR; G-BTR; G-DTR; G-CTR; CML-S; CML-AS; G-AFR; G-BFR; G-DFR; G-CFR; PML; NF; NF-A; G-C;
Noreq	LBT; Miriam series; LBF; LBT;
Normar	TELB; FF; JY; JY-FF;4.9T;5.8T
Norsafe/AS	JYN; MATHILDA; MIRIAM; MAUD; MAGGIE; GES; GES-MKII; MINIMA;
Palfinger Marine	NPT-C; KISS-C; NPT-F; KISS-F; NPT-FC; NPT--FF; FF; FF-SM2; CTL; CTL-SV; MPC;
Pesbo	BSL; BSC
Qingdao Beihai	BH;BO;BH-F;
Schat Harding	MCD; KISS; MCB; TECB; FF; MPC
Shigi Shipbuilding CO	SZ-BR; SZ-BRS; SZ-TR; SZ-TRS; FEL;
Tsuneishi Facilities & Craft CO	KL; TL-TE;TL-FP;
Vanguard/(Nantong)	VG-C; VG-HLB; VG-HLBLR; VG-F;
Viking	JYN; MATHILDA; MIRIAM; MAUD; MAGGIE; GES; GES-MKII; MINIMA
Watercraft International	MK II; TEL
Wuxi Huahai Marine Equipment	HH-C; HH-CS; HH-T; HH-CT; BH; BJ;
Zhengjiang Marine Auxiliary Machinery Works	YH-QFP; YH-QFN; YH-FP; YH-FN;

**Rescue boats (including fast rescue boats)**

Make	Model/ Series
DSB	DSB, DSB series

Make	Model/ Series
Ernst Hatecke GMBH	RB; FRB; FRB-IB; FRB-S
FR. Fassmer GMBH	RB;RR;MOB; RR-ID; FRR; FRR-ID; FRR-ID-SF
Gepa	G-RB; G-RB-DE; G-FRB
Harding Safety A/S	RSQ-A;RSQ-G; NPT-RB; NPT-RC; NPT-RA; FRSQ-A; FRSQ-G; NPT-RA; NPT-RB
HLB(ex-Hyundai Lifeboats)	HDR; HDFR
IHI Marine United CO	MU-GJ
Ishihara Dockyard CO	G;ML;F
Japan Marine United Corp.	MU-GJ
Jiangsu Jiaoyan Marine Equipment	GJ; JY-GZ; GJ series
Jiangyin Neptune/Marine Appliance	NPT-R; NPT-RA; NPT-RB; NPT-FA; NPT-FB; NPT-RFA
Jiangyin Norsafe	MATRIX; MIDGET; MERLIN; MAKO; MAGNUM; MAYA
Jiangyin Wolong/FRP Boat CO	JY-KR; JY-DR;
Jiangyin Xinjiang FRP CO	GJ series
Jiangyinshi Beihai LSA CO	SC
Maritime Partner AS	WEEDO; SEABEAR; SPRINGER; ALUSAFE
Montmontaza Greben	RB
Ningbo Asia FRP Boat Manufacturing CO	YZ; YZ-S; YZ-SA; YZ RB
Ningbo New Marine Lifesaving Equipment CO	NM-R; NM-RB; (SY-C)
Nishi F CO	G-DR
Noreq	RRB; GJ; FRB;
Normar	GRP; FRC ;4.25 Rescue;5.25 Rescue; FRC
Norsafe/AS	MATRIX; MIDGET; MERLIN; MAKO; MAGNUM
Palfinger Marine	RSQ-A;RSQ-G; NPT-RB; NPT-RC; NPT-RA; FRSQ-A; FRSQ-G; NPT-RA; NPT-RB
Pesbo	BR
Qingdao Beihai	BH;BH-F;BH-R;
Schat Harding	MOB; FRB;
Shigi Shipbuilding CO	VOX;
Survitec Group	HD 720I
Vanguard/(Nantong)	VG-KR; VG-DRS; VG-FRK; VG-FRW;
Viking	MATRIX; MIDGET; MERLIN; MAKO; NARWHAL-SV; MERLIN; MAKO; MAGNUM
Watercraft Hellas	MKV; FRB
Wuxi Huahai Marine Equipment	GJ
Zhengjiang Marine Auxiliary Machinery Works	YH-R; YH-DR; YH-FRA; YH-FRB;

**Release gear (for lifeboats( incl. freefall), rescue boats, fast rescue boats and davit launched liferafts)**

Make	Model/ Series
Jiangsu Jiaoyan Marine Equipment	JX-1
Bada Heavy Ind. CO. LTD.	BDR; BHR; BHA
BC Service	U – Hook
Car 35	Car 35 series
Davit Company	AMS
Davit International	OHL; OLH; RH; RB; Offload series; ALH
Ernst Hatecke	Duplex; Cylinder type SIMPLEX; DUPLEX Simplex 2.0.

Make	Model/ Series
	SIMPLEX; DUPLEX; Rafti series F; FF; GFF; SIMPLEX series
Fassmer	DUPLEX; FSAR; FF;F; Gear
Global Davit	HRN; HRL; HR
Harding Safety A/S	RRH25 Offload twin hooks series; LHR9M2 ARH; Harding series; RRH15; CAR35 Painter line / Painter series.
Henriksen	HMK; HCH; HMKST; HMK; HMKST.
HLB(ex-Hyundai lifeboats)	BD; HD; BH; BF; Talon; Talon II Offload release hydrostatic; Talon II THP;
Jiangsu Jiaoyan Marine Equipment	JXN; JX-1; JX; 3XN-1C; JXN-1C; JY; NPT; JX-3 FF; JXN; HK; JX; JX-4; free fall; JX-2 Offload hooks; JXN-3; JX-5; JX-2; Talon
Jiangyin Neptune Marine Appliance	NPT; free fall hydraulic; Hydraulic
Jiangyin Norsafe	HK56; K4 series; GES; Hydraulic series; NFFH
Jiangyinshi Beihai LSA CO	HK56; JYB HK; HK; JYBHKF
IHI Craft CO	Mark series
Industria Ferri	1448 TN 2500 series
Mansei Industry CO	RH
MILLS	TITAN
Navalimpianti	RH 3000
Ned Deck Marine	CAR; CAR 35
NISHI-F	IHM12, CML, NS
Noreq	LBF series
Norsafe	Tor; Tor MK; K4 FM; Tor MK2; 7T MK-1;MK-2; CN
Norsafe AS	Tor VK2; K4; KD;K4-FM;HK; RRH 15; GES; FF; Sim; NFH;
NPT	HK336
Palfinger	CAR 35F; Fast RSQ; CAR F 35; MOB; CAR; RRH; CAR 35;
Qingdao Beihai Shipbuilding Heavy Industry CO	BG; BHH; BH; FS; BG-3
Schat Harding	KH; LHR; H-36-M; FFH; RH; RRH; ARH; MOB; SSR; RRH 15;CAR 35; RRH 25; H86
Sezamor	HS; HLR; ARH
Shigi Shipbuilding CO	SZK;SZ; SRZ; DUPLEX;
Survival Systems International	TRIPLE 5 LX; Safe launch series; SLA 3.5 series; TFLX; SLA
Tsuneishi Facilities & Craft	43GS-1
Vanguard	SH; Spearhead series
Vest Davit AS	Offload TH 5478 series;
Viking	HR; CAR
Viking Nadiro	DIB
Wuxi Mingzi Machinery	WHK; Offload hooks; 250T; 150-T15 series

**Launching appliances (for lifeboats( incl. freefall), rescue boats, fast rescue boats and davit launched liferafts**

Make	Model/ Series
Bada Heavy Ind.	BDTW-S; BDTD-P
Abas	HSC
ACEBI	SPG; RRP
Acta	MOB luffing 0625; HSC; HTD; DR
ARIM MACHINERY	ARPV/RLD; AREH

Make	Model/ Series
Aukra Maritime	AMT; AMTL FRC; AWT; ADFT ;ADF
Bada Heavy Ind.	OUT RIGGER FIXED PLATFORM ; BDM-S; BDH-S ; BDA-S; BDFA-S; TELESCOPIC; BDF-S ; BDR-S; BDR-U; BDR-F
David International Gmbh	D-RT; D-FO; D-NP; D-NP.MP; D-NP.SP ; D-TT; D-TT.SP; D-TT; D-TT.SP; D-TF; D-FH; D-CRm; D*CRm-FR; D-RC; D-RC.T;
Davit Company	Gravity quadrant; AMS; NDP; MOB; FM
Dongnam Marine	HF36-HF38; DCPV; DSAD; DHGD; DHG; Hinged davit; DLWB; DSAD; DRBD; HF
Dongwoo Machine Engineering	DBD; DBS; DWS; hinged gravity davit
Ernst Hatecke	free fall ramp; GSPFP; GSP; DFR FFA; FFD; FFB; GFF; RHS.L
Fassmer	FOD; FPD; FMPD; FHD; FASSMER A FRAME; FDT; FFH; FFB FSAR;FSAR-R
Global Davit	Gsp-O; Rsp-O; Gsp-FP; Gsp-FPh; Gsp-FLh; Rhp; Rhp-HC; Lgp; Gsp-MP; Gsp-TTh; Rms; Rhs; Fhs;
Gurdesan	GD FFD; GD-KHK; GD-RRS; GD-HK
Harding Safety A/S	NTD; FPG; FAD; NPT-DP; FPR-H; NRDS-H; PFH; NPT; NPT-DL; NPT-DTL; VIP; NPD-H; N-TDH; NPT-DF; LA-SU; LA-SU-FL; LA-H; LA-HO SCM-R; SCH-R; SCM-L; PBR; PRH-H; PRH-AP; PFH-CT; NTDS-H
Hydrakraft	HRT
Hydralift	HL6D; HL
Hydramarine	HMC;HDM
IHI Marine	SH40, SC033
IKNOW Machinery CO	T; H;TC;
Industrias Ferri S.A	1872, SB0121C
Japan Marine United Corp	MUL; MUF; MUR
Jiangsu Jiaoyan Marine Equipment	JYGR; JYP; JYHG; JYL; JYLG; JYA; JYH; JYF; JYR; JYRH; JYLR
Jiangyin Neptune Marine Appliance	NPT-DP; NPT/PL; NPT; NPT-DL; NPT/BEC; NPT-DR; NPT-DF; NPT-DR
Jiangyin Norsafe	NDSC; NDA; HD; NPR; NDSC; MOB;
Jiangyin Wolong FRP Boat CO.	JY-HE; JY-PL; JY-LE; JY-GL; JY-TBD; JY-PLR; JY-LFR; JR-LRHE; JY-FH; JY-SA; JY-SAP; JY-SAF; JY-HSR
Jiangyin Xinjiang	JYL; JYF; JYR; JYFR
Jiangyinshi Beihai LSA CO	FA; SAC
Macgregor	HMD; A34 MKII
Mansei Industry CO (Miura Machine CO)	M; H; HR; V; T; FH; FE; S; SR; R; RD; SP; MV; GRA; SAR
Montmontaza Greben	SPG; RC; FFD; RL-S
Navalimpianti	ROLLER TRACK; SPDT; GDMP; SLEWING
Ned Deck Marine	PRH; SCM; PRHE; FFH; SCM; SCH
Ningbo Asia FRP Boat Manufacturing CO	L; YZF; ZF-DZ; B
Ningbo Kairong	2.1T; A
Ningbo New Marine Life Saving equipment	NMPL; HLA; XXKN; NM; NMAR; NMPSR; NMC-F;
Norsafe	NDA; HD
Oriental Precision & Engineering CO	RTD; HGD; HGK; SHS; RTD; DHA; DMA; FD; WL; RD; RDW;
Palfinger	NTD; FPG; FAD; NPT-DP; FPR-H; NRDS-H; PFH; NPT; NPT-DL; NPT-DTL; VIP; NPD-H; N-TDH; NPT-DF; LA-SU; LA-SU-FL; LA-H; LA-HO; SCM-R; SCH-R; SCM-L; PBR; PRH-H; PRH-AP; PFH-CT; NTDS-H
Qingdao Beihai	BD-PL; BD-PV; BD-AR; BD-FF; BD-FF-B; BD-SA; BD-FA; RBD; BRD
Red Rock	RDA
Schat Davit Company	SPR; FME; FF; SRR;
Schat Harding Company (Palfinger)	VIP; GSP; PAR; SPR; SPG; NPDS; FF; UZ; HD; SA; TME; FF; LA; RSD; FFB; SPR; PAR; LB;

<b>Make</b>	<b>Model/ Series</b>
Sekigahara Seisakusho LTD	SHS; SHN; SH; SFB; SHS; STS; SSS; SFS; SFA; SFC; SFD; SJS; SJR; S
Sezamor	ZOK; ZZ-ZU; ZZ-ZU2; ZOL; ZZ; ZZ-ZOT; ZZ-ZOL; ZZ-ZOLT
Sheyang Saifute	55KN; 14KN; 21KN
Shigi	MFH-S600;
Sormec	M330
Tsuji Heavy Industries	H; EB;
TTS Marine Cranes AS	HL; HP;
Vest Davit AS	TDB; PLR; C; PL; PLRS; PAPH;
Viking Norsafe	NRC
Wuxi Dongwu Marine	XXKN; F55; F70; NPT-F;
Wuxi Haidelong Marine	21KN; 25KN; 35KN
Wuxi Huahai Marine Equip.	HMD; HMD-A;
Young Nam Machinery CO	YNBD; YNHD;
Zhengjiang Marine Auxiliary Machinery Works	HE; RE; SRH; LE; HDC; HDCL; PL; LE; SRH; GL; SHA; LFR; PR; FH; F; FR; SAFC; SA; SH; SAF;

**Remarks:**

1. Approved according to MSC.402(96)/ Corr.1 and IACS UR Z17, rev.14.
2. Service Supplier is responsible for providing information on which equipment (make and model) each subsidiary ( service station) is qualified for conducting service on.
3. A list of approved supervisors and technicians shall be maintained by approved service supplier and to be provided to DNV upon request.
4. Periodical audit to be performed by DNV if deems necessary.