

# APPROVAL OF SERVICE SUPPLIERS

Certificate no.:  
**AOSS0000KAN**  
Revision no.:  
**1**

This is to certify that

**Hansa Safety Services B.V.**  
**Spijkenisse, Netherlands**

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 **2025-11-09** to (inclusive) **2028-11-08**.

This Certificate is issued on **2025-12-08**.



for **DNV**

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

**Otriashenkova, Aliona**

This Certificate may be withdrawn if: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 USD 300 000.

**Application:**

**Application:**

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

**Lifeboats (incl. freefall lifeboats)**

<b>Make</b>	<b>Model / Series</b>
ACEBI	Twin Fall, PELB-series, TELB- series.
BALDEN	BD-FFC-series, BD-FFT-series, BD-LB-series, BD-LB-series
BEIYANG BOATBUILDING CO.LTD	20 TECB-series
BIANCHI & CHECCHI	PE-series
BROOKER	CA-series
DSB ENGINEERING CO LTD	DSBP-series, DSBFC-series, DSBFF-series, DSBC-series, DSBF-series
FASSMER	CL-P-series, PLL-series, PLT-series, SEL-series, CFL-series, GAR-series, GAR-T-series, CL-series, CLR-series, CLX-series, GMT-series, CL-series, CLR-series, CLX-series, DRAGON-series, T-GMR-series.
FASSMER MARLAND	CFL-C-series, CFL-T-series, DRAGON C-series, HH-C-series, DRAGON F-series, HH-T-series
GEPA	G-FYK-series, G-FFF-series, G-FK-series, GFK-FP-series.
GREBEN	PEL-series, FFL-series, TEL-series, TEL-FP-series
HARDING (UMO SCHAT HARDING)	CTL-series, ML-series, MPC-series, FF-series, MCF-series, MCB-series, MCM-series, HARDING-LBF-series, LBT-C-series, LBT-T-series
HARDING (WATERCRAFT)	MOB-series, MOBAC-series, PELB-series, PERB-series, WFF-series
HARDING BOAT BUILDING (QINGDAO) CO., LTD.	TECB-series
HATECKE (ERNST HATECKE)	PEL-series, PL-series, GFF-series, GSL-series
HLB (HYUNDAI LIFEBOATS)	HDFN-F-series, HDFN-T-series, HDL-series, HLB-series, HT78-series, HDL-series, HLB-series, HDFL740F-series
HOEI SENPAKU CO., LTD	HS-series, HS650F-series, HSF-series
IHI MARINE UNITED INC	GTC-series, GTC-C-series, GT-F-series, GTC-F-series, GTR-F-series
JAPAN MARINE UNITED CORP	GF-series, GTR-series
JIANGSU JIAOYAN MARINE EQUIPMENT CO., LTD (JIANGYIN XINJIANG F.R.P. CO. LTD)	JY-FF-series, JY-FN-series, JYM-FF-series, JY-QFN-series, JY-QFP-series, JY-QFN-series, JY-QFP-series, JYM-FN-series
JIANGYIN NEPTUNE	NPT-C-series, SC-series, NPT-F-series
JIANGYIN NEPTUNE MARINE APPLIANCE CO., LTD	NPT-P-series, NPT-PT-series NPT-R-series, NPT-RA-series, NPT-RB-series, NPT-RFA, series, NPT-FA-series, NPT-FC-series, NPT-FCA-series, NPT-FF-series
JIANGYIN WOLONG F.R.P. BOAT CO. LTD.	JYK-series, JYP-series, JYCF-series, JYFF-series, JYC-series, JYCA-series, JYF-series, JYFA-series
JIANGYIN XINJIANG	JY-FN-series
JIANGYISHI BEIHAI	JYB-K-series, JYB-B-series, JYB-FC-series, JYB-FF-series, JYB-C-series, JYB-F-series
KANG NAM. CORPORATION	GTB-series

Make	Model / Series
MULDER EN RIJKE	PELB-series, PTL-series, TELB-S-series, TELB-series
NINGBO ASIA F.R.P. BOAT MANUFACTURING CO LTD	BJ-series, YZFC-series, YZFF-series, version, YZC-series, YZF-series
NINGBO NEW MARINE LIFESAVING EQUIPMENT CO. LTD	NM58FF-series, NM-series
NISHI-F CO., LTD., (EX. ISHIHARA DOCKYARD, NISHI-NIPPON)	NF-series, NFA-series, PML-series, FF-series, CML-series, EML-series, G-TR-series, CML-series, EML-series, G-FR-series
NOREQ	LBP-series
NOREQ (PALFINGER)	LBF-series, LBT-series
NORMAR	JY-FF 4.9 TO 8.5C-series, JY-FF 4.9 TO 8.5T-series
OY FISKARS AB	TELB-series, TELB-series
PALFINGER	Twin Fall, CTL-series, MPC-series, NPT-T-series, FF-series, NPT-FC-series, NPT-FF-series, KISS-C-series, NPT-F-series, KISS-T-series, NPT-C-series
PESBO S.A	BSL-series, BSC-series
QINGDAO BEIHAI SHIPBUILDING HEAVY INDUSTRY CO. LTD.	BH10-series, BH-F-series, BH-series BH-series
SHIGI SHIPBUILDING CO. LTD.	SZGM-series, SZGO-series, SZP-series, SZPR-series, FEL-series, SZBR-series, SZTR-series
STOCZNIA USTKA SP. Z O.O.	FFB-series, Z-series
SURVITEC	FF-series, , SC-series, SC-series
SURVIVAL SYSTEMS INT	CA-series
TSUNEISHI	TL-TE-series
TSUNEISHI (KAMBARA RINGYO)	KL-TE-series, KL-FP-series
TSUNEISHI (SANYO WORKS)	TE-series, FP-series
VANGUARDE	VG-C-series, VG-F-series, VG-HLB-series
VIKING (NORSAFE)	MINIMA-series, JYN-F-series, JYN-C-series, MAGGIE-C-series, MATILDA-C-series, MAUD-C-series, MAXIMA-C-series, MIRAM-C-series, JYN-T-series, MAGGIE-T-series, MATILDA-T-series, MAUD-T-series, MAXIMA-T-series, MIRAM-T-series
VIKING (NORSAFE) (JIANGYIN)	GES-series
WATERCRAFT (WATERCRAFT HELLAS)	MK 5-series
WATERMAN OY	365-series, 367-series, 391-series, 393-series, 351, 366, 366HRL, 368, 371, 371HR, 377, 379-series
WHITTAKER	CA-series
WUXI HAIHONG BOAT MAKING CO., LTD	, BH-series, BJ-series, HH-FC-series, HH-FF-series, HH-C-series, HH-CS-series, HH-T-series, HH-CT-series
WUXI WENJIAO	BH-series, BJ-series, WJ-series WJFF-series, WJFFC-series, WUXI WENJIAO / WJFFC-series, WJBC-series, WJBF-series
ZHEIJANG HENGXIN SHIP EQUIPMENTS CO., LTD	BCFC-series, BCFF-series, FL-C-series, FL-F-series, BCF-series, BCC-series
ZHENJIANG JUST MARINE EQUIPMENT CO., LTD	ZJM-FF-series
ZHENJIANG MARINE AUXILIARY MACHINERY WORKS	YH-series, YH-QFP-series, YH-DR-series

**Rescue boats (incl. fast rescue boats)**

Make	Model / Series
AMBAR MARINE	AM420-series
AVON	RB-series, SR-series
CASTOLDI S.R.L.	JET TENDER 18 RB-series
DAFER (NARWHAL)	FRB-series, FRB 700-series, FRB 900-series, SV-series
DELTA	COMET-series, PHANTOM-series
DSB DEUTSCHE SCHLAUCHBOOTE	IRB-series
DSB ENGINEERING CO LTD	DSBRB-series, DSBRFA-series
ESVAGT	ALU460 F-series
FASSMER	FRR-series, FRIR-series, RR-series
FASSMER MARLAND	RR-series
GEPA	G-FRB-series, Rescue boat, single fall, G-RB-series,

Make	Model / Series
GREBEN	RB-series
HARDING (UMO SCHAT HARDING)	MOB4.5A-series
HARDING (WATERCRAFT)	MK 1-series, MK 2-series, MK 3-series, MK 4-series, MK 5-series
HATECKE (ERNST HATECKE)	FRB-series, RB-series
HLB (HYUNDAI LIFEBOATS)	HDFR-series, HDR-series
JIANGSU JIAOYAN MARINEEQUIPMENT CO., LTD (JIANGYIN XINJIANG F.R.P. CO. LTD)	GJ-series, GJF-series, GZ-series,
JIANGYIN N EPTUNE MARINE APPLIANCE CO., LTD	NPT-RA-series
JIANGYIN WOLONG F.R.P. BOAT CO. LTD.	JYDR-series, JYKR-series
JIANGYIN XINJIANG	GJ-series, GJ-B-series
JIANGYISHI BEIHAI	JYB-G-series, JYB-Q-series, JY-BR-series, JYB-KR-series, SC-K-series, SC-KR-series
MARE SAFETY AS	GTC 700-series, RB-series
MARITIME PARTNERS	ALUSAFE 1200 DC-series, ALUSAFE 700-series, ALUSAFE 770-series, ALUSAFE 900-series, SEA BEAR 23-series, WEEDO 17 SOLAS-series, WEEDO 600-series, WEEDO 700-series, SPRINGER-series
NARWHAL	SV-series
NARWHAL (DAFER)	SV-series
NED-DECK MARINE (PALFINGER)	NMD 4.40 RESCUE-series, NPT-series, PN85F-series
NINGBO ASIA F.R.P. BOAT MANUFACTURING CO LTD	YZRA-series, YZRB-series, BJ-series, YZ-series

NINGBO NEW MARINE LIFESAVING EQUIPMENT CO. LTD	NM45R-series
NISHI-F CO., LTD., (EX. ISHIHARA DOCKYARD, NISHI-NIPPON)	FRP-series
NOREQ (PALFINGER)	FRB-series, RRB-series
NORMAR	FRC-series ,RESCUE-series
PALFINGER	FRSQ-series, RSQ-series
QINGDAO BEIHAI SHIPBUILDING HEAVY INDUSTRY CO. LTD.	BH-HR7-series, FRB-series, BH-R-series
SHIGI SHIPBUILDING CO. LTD.	FRP-series, SZRS-series, VOX46-series
STOCZNIA USTKA SP. Z O.O.	FRB-series, R-series, RIB-series
SURVITEC	SC60RA-series
SURVIVAL SYSTEMS INT	FRB-series
VALIANT	RB-450-series
VANGUARDE	VG-FRK-series, VG-FRW-series, VG-DRS-series, VG-KR-series
VIKING (NORSAFE)	MAGNUM-series, MAKO-series, MERLIN-series, Rescue boat, single fall, MAKO-series, MERLIN-series, MIDGET-series
VIKING (NORSAFE) (JIANGYIN)	MATRIX-series
VIKING NEUVISA	RR-40-series
WATERCRAFT (WATERCRAFT HELLAS)	4.9M-RB-series
WUXI HAIHONG BOAT MAKING CO., LTD	JG-series
WUXI WENJIAO	WJ-RA-series, WJ-RB-series, WJ-series
ZHEIJANG HENGXIN SHIP EQUIPMENTS CO., LTD	GJ-series
ZHENJIANG JUST MARINE EQUIPMENT CO., LTD	ZJM-4.0-series
ZHENJIANG MARINE AUXILIARY MACHINERY WORKS	YH-FRB-series, YH-FRA-series, YH-R-series
ZODIAC (SURVITEC)	RIB-series, H472S-series, RIBO-series
ZODIAC HURRICANE	H561 PROLUXE-series

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

<b>Make</b>	<b>Model / Series</b>
BADA HEAVY IND. CO. , LTD(EX.DAERYUCK MACHINERY)	BD-LH-series, BHA-series, BHA-series, BHA-series, BHR-series, BHR255-series
Balden	BD-LBH-series, BDHR-series
BC SERVICE	U HOOK-series
CHANG SHENG	35KN-series
CRANSTON EAGLE	APR-356-CB/CBH-series
DAE JIN CO. LTD	THP-1B-series
DAVIT INTERNATIONAL	OLH-series, RH-series
FASSMER	DUPLEX <6.6T-series, Duplex >6T-series, FFH-series, F-series
FERRI	1448 TN-series
GEPA	G-K-series
GLOBAL DAVIT	HRL-series, HRL.26-series, HRN-series, HR-series
GREBEN	NLH-series
HARDING (UMO SCHAT HARDING)	FFH-series, RRH-series, CAR-35F-series
HARDING (UMO SCHAT HARDING) (SCHAT DAVIT COMPANY) (PALFINGER)	LH3.5M2-series, ARH 23-series, LHR-series, LHR M2-series, KH6.5M2-series, LHR M2-series
HATECHKE	SIMPLEX 2.0I OFF LOAD-series, DUPLEX < 6T-series, SIMPLEX 1,85series, GFF-series, RAFTI 2.5-series, SIMPLEX-series
HENRIKSEN	HCH-series, HMK-series
HLB ( HYUNDAI LIFEBOATS )	TALON MK 1-series, TALON MK 2-series
HOEI SENPAKU CO.,LTD	HS-series, HS520 96-series, HS520 83-series, HS650 83-series
IHI MARINE UNITED INC	JX-1-series
JIANGSU JIAOYAN MARINE EQUIPMENT CO.,LTD (JIANGYIN XINJIANG F.R.P. CO. LTD)	JX-1-series, JX-1B-series, JXN-1B-series, JXN-1C-series JX-2-series
JIANGYIN NEPTUNE MARINE APPLIANCE CO., LTD	NPT-50-series, NPT-HAN-series, NPT-HKC-series, PN-HCK-series, PN-HKC-series, NPT 70HKF-series NPT-HK-series, NPT-HK25F-series
JIANGYIN WOLONG F.R.P. BOAT CO. LTD.	HK-series, JX-1-series, FHK-series
JIANGYINSHI BEIHAI	JYB-HK-series, JYB-HKF-series
MADROCK	ROCLOC-series
MANSEI	RH-series, RH3-series

Make	Model / Series
NED-DECK MARINE (PALFINGER)	CAR 35-series
NINGBO ASIA F.R.P. BOAT MANUFACTURING CO LTD	HK-series
NINGBO NEW MARINE LIFESAVING EQUIPMENT CO. LTD	JX-2-series
NISHI-F CO., LTD (EX. ISHIHARA DOCKYARD, NISHI-NIPPON)	IHM 12-series, IHM 13-series, NS-series, F-series, ML-series
NOREQ (PALFINGER)	JXN-3-series
NORMAR	JX-2-series
OPTIMUN MARINE	31-37KN-series
PALFINGER	NADIRO D.I.B.SERIES-series, FFH-series, NPT-series, CAR-35F-series, CAR 35-series, RRH-series
PESBO S.A	BSL-series
PEWAG	HK-series, HSK-series, HSWI-series
QINGDAO BEIHAI SHIPBUILDING HEAVY INDUSTRY CO. LTD.	BG-series, BG-F-series, BG-2R-series
SERVO SHIP S.L	200-series
SEZAMORE	HS-series, HLR-series
SHIGI SHIPBUILDING CO. LTD.	SRS-series, SZK-30-series, SZK-5-series, SZK-25M-series, SZK-30-series, SZK5-series
SURVITEC	SAFELAUNCH-series, SLA 3.5-series, SURESAFE-series, TRIPPLE 5-series, TRIPPLE 5 LX-series
SURVIVAL SYSTEMS INT.	SURESAFE-series, TRIPPLE 5-series, TRIPPLE 5 LX-series
T-ISS	31-37 KN-series, PX02-series, PX01-series, PX03-series
TSUNEISHI	43GS-1-series
VANGUARDE	C-SAFE-series, SH-series, C-SAFE-series, SH-series
VERHOEF	TWISTLOCK-series
VIKING	RCH 36-series
VIKING NORSAFE	VIKING 1.6-series, VIKING (NADIRO, DIB-series, TOR MK 1-series, TOR MK 2-series, GES-series, HRS-series, NFFH-series, K4-series, HRS-series, NFFH-series
WILLIAM MILLS	TITAN- series, EMPRESS-series
WUXI MINGZI MACHINERY MANUFACTURING CO., LTD	15KN-series, 25KN-series, 31-37KN-series
WUXI WENJIAO	HK-series
WUXI XINGSHENG	XS-series, XS15-series
ZHENJIANG MARINE AUXILIARY MACHINERY WORKS	HK40-series, HK-series
KCL	NOA55 DUO LRRS, NOA55 UNO MOB/FRC

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

Make	Model / Series
ABAS	KDE-series, MDE-series
ACEBI	TPF-series, A-series, AF-series, PF-series, PFR-series, RRP-series, TPU-series, TPF-series, SPG-series, GRA-series, TPC-series
ACOIN	R18700-series
ACTA	HSC-series, DC-series, DR-series, HSC-series, MOB-series
ALEXANDER RYAN	BH-series
ARIM	AREH-series, ARPV-series, ARPV-series, AHA-series
BADA HEAVY IND. CO., LTD (EX. DAERYUCK MACHINERY)	BDF-series, HDFL-series, BDF-series, BDR-series, BLR-series, BDA-series, BDFA-series, BFRDseries, BDTD-series, TT-series, BDH series, BDMS-series, HINGED GRAVITY-series, BDTW-series, BDH-series, BHI-RLD-series
BADA HEAVY INDUSTRIES CO., LTD.	BDHP series
BIANCHI & CHECCHI	PE-series, PET-series
BOPP	TREUILS JEB, BHD-series
COASTAL MARINE EQUIPMENT, INC.	D-series
CRAMM YACHTING SYSTEMS B.V	CDT 7000-series
DAELIM TECHNOLOGY CO.LTD.(HYUNDAI)	FF-740-series

DAVIT COMPANY	FFFDA-series, SRR-series
DAVIT INTERNATIONAL	D-FH-series, D-TF-series, D-FO-series, D-FOS-series, D-BR-series, D-CR.R-series, DCRH.R-series, D-CRM-series, DFOS-series, D-RC-series, D-RC.Tseries, D-SR04-series, D.BC.Rseries, D.CRE.R-series D-NPS.FR-series, D-NPS.MPseries, D-NPS.SP-series, D-TT.SP.- series, D-FP.R-series, D-TT-series, DTT.SP-series, D-NP-series, D-NP.MP-series, D-RT-series, D-NP-series, D-SP-series
DENIZSAN	DSFDD-series, DRBD-series, DRBLRD-series, DSRBD-series, DSFRB-series
DONG NAM ENTERPRISE.,CO LTD	DLB-series, DCPV-series, DNRD-series, DRBLRD-series, DRLD-series, DSAC-series, DSAD-series, DHGD-series
DONGWOO MACHINERY & ENGINEERING CO., LTD.	DBD-series, DWS-series
DSB ENGINEERING CO LTD	DSBDF-series, DSB23DR-series, DSBARH-series, DSBDP-series, DSBDR-series, DSBDL-series, DSBDTL-series, DSB DYL-series
EO LIFESAVING	CH-52-series
FASSMER	FFH-series, FLR-series, FSARR-series, FPD-series, FMPD-series
FASSMER MARLAND	FFH-series FERRI, 1872 TN-series
GILBERT & SCHMALRIEDE. GMBH & CO. KG	PJ1385-series, PJ-1386-series
GLOBAL DAVIT	GSP.O-series, RSP.O-series FHS-series, FHS.L-series, FHS.Rseries, FHS.R.L-series, FHS.R.L.S series, FHS.R.S-series, FHS.S-series, LMES.S-series, LML-series, LMS-series, LMS.Sseries, R RMS-series, RHL-series, RHP-series, RHS-series, RHS.Lseries, RHS.L.S-series, RHS.Sseries, RMES.L.S-series, RMES.Sseries, RML-series, RMS.L-series, RMS.L.S-series, RMS.S-series, RHP-series, RHP.HC-series, GLP.FP-series, GLP.MP-series,, GSP.FP-series, GSP.MP-series, Twin Fall Gravity GLP.RT-series, GSP.RT-series,, GSP.RT, GLP.RT-series, GLP.FLH-series, GLP.FPH-series,, GSP.FLH-series, GSP.FPH-series, RHL-series, RHP-series
GREBEN	HFF-series, FOD-series, SAR-series RLC-series, SPG-series GR-RTD-series, GD-PD-series, HD-series
GURDESAN	GD-FFD-series, GD-KHK-series, GD-RRS-series
HAEAN MACHINERY IND. CO. LTD.	HED-PC-series, HHD-PC-series
HANYOUNG ENTERPRISE	RESCUE BOAT DAVIT-series
HARDING (UMO SCHAT HARDING)	FF-series, FFB-series, LA-series, HD-FL-series, ORD-series, LAR-series, SAR-series, SPRseries, SRR-series, SA-series, , HD-VIP-series,, SPG(VL)-series, GRA-series, HD-RT-series, SPD-series
HARDING (UMO SCHAT HARDING) (SCHAT DAVIT COMPANY) (PALFINGER)	MOB-series, SPG(L)-series, NT-series, NPDS-series, LA-series, NTD-series ND-series
HARDING (WATERCRAFT)	WRG-series
HATECKE (ERNST HATECKE)	Frame FFA-series FFB-series, GSP.O-series GSP.FP-series
HOLEN AS	KOPAS A-1000-series
IHI MARINE UNITED INC	MUL-series
IKNOW MACHINERY (TSUJI)	HD-series

IMT CO., LTD	ILR-series
JIANGSU JIAOYAN MARINE EQUIPMENT CO., LTD (JIANGYIN XINJIANG F.R.P. CO. LTD)	JYF-series JYP-series, JYRCA-series, JYR-series JYL-series JYGR-series, JYHG-series
JIANGYIN NEPTUNE MARINE APPLIANCE CO., LTD.	NPT-DF-series, NPT-DP-series, NPT-PL-series, NPT-DR-series, NPT- BE-series, NPT-DR-series, NPT-DL-series, NPT-DP-series,, NPT-DYL-series
JIANGYIN WOLONG F.R.P. BOAT CO. LTD	JY-FH-series, JYPL-series, JYSA-series, JY-LFR-series, JY-LRHE-series,, JY-PLR-series, JYPL-series, JYHE-series
JIANGYINSHI BEIHAI	FA-series, PD-series, SA-series, SAC-series, SMR-series, EHRD-series, FRH-series, SRHseries, BH-G-series, LA-series, LB-Hseries, HB-H-series, RB-H-series, BHGH-series
JUNG-A-MARINE CO., LTD	PCRLC-series
KGW SCHWERINER MASCHINENBAU GMBH	RB-series
KYORITSU KIKAI	LAF-MUF68-series
MACGREGOR (TTS) ( HYDRAMARINE)	G-TYPE-series, A-TYPE-series, HLD-series, HMCseries, HMD-series T-TYPE-series
MANSEI	D-FH-series, FE-series, MFHseries, R-series, RD-series, SAR-series, SR-series, HER-series, ABD-series, AH-series, AV-series,, CM-series, EH-series, EM-series, AT-series, GRA-series
MIURA MACHINE CO.,LTD (MIURA VIDER) (MANSEI)	MVD-series, SPG(VD)-series
NANJING DONGSHENG MARINE EQUIPMENT CO., LTD	AR14-series
NAVIGATIONS	1,1-series
NAVIM GROUP	FDRB-series, SPDT-L-series, SPDT-R-series,SPDT-T-series, SGHD- L-series, SPHD- T-series
NED-DECK MARINE (PALFINGER)	FFH-series, FPG-series, SCH-series, SCM-series, SCTseries, SEC-series, PFH-series, PRH-series, PRHE-series,
NINGBO ASIA F.R.P. BOAT MANUFACTURING CO LTD	YZF-series
NINGBO ASIA F.R.P. BOAT MANUFACTURING CO LTD	YZ-series, ZFDZ-series, L-series
NINGBO NEW MARINE LIFESAVING EQUIPMENT CO. LTD	NMPL-series, NM-series, NMAR-series NMF-series, BPK-series, KD.2-series
NOR DAVIT	PL-series, SDP-series
NOREQ (PALFINGER)	NRD-series, SCH-series, SCH-R-series, SCHDseries, SCM-L-series, SCM -Rseries, NPD-series, NPD-series
NORSAFE	NDA-series
ORIENTAL PRECISION	FD-series, RD-series, SHS-series, DHA-series, DMA-series, HGDseries, HGK- series, RTD-series
ORIENTAL PRECISION - SEKIGAHARA	SHS-series
PALFINGER	NPT-DF-series, FF-series, FPG-series, SCH-R-series, SCM-L-series, SCM-R-series, NPT-series, VIP-series, NPT-series, NPD-series, PFH-series
PELLEGRINI MARINE EQUIPMENT	CHCD 2,507+ RLC 2.1/4.5-series,, RLC-series, GRA-series
QINGDAO BEIHAI SHIPBUILDING HEAVY INDUSTRY CO. LTD.	BD-FF-series, BD-PL-series, BD- SA-series, BD-SH-series, BD-AR-series, BD-PV-series
REDROCK	RDA-series, RDT-series
SCHAT HARDING	FR.P.SP-series

SEC (SHIPS EQUIPMENT CENTRE)	Frame HP2-series, MS-series
SEKIGAHARA	SF-series, SSS-series, SFA-series, SFB-series, SFPseries, SHS-series, AT-series, STS-series
SEKWANG MARINE MACHINERY CO, LTD	RBD-series, SINGLE ARM SLEWING-series
SERVO SHIP S.L	FFR-20-series, PR4M1100HR-series
SEZAMOR	ZZ-ZOL-series, ZZ-ZOT-series
SHANGHAI HENGYUAN MARINE EQUIPMENT CORPORATION	FH-series
SHANGHAI HENGYUAN MARINE EQUIPMENT CORPORATION	SAF-series
SHIN MYUNG TECH	SMRB&LRD-FT-series, SMRBD-SDseries, SMRBD&LRD-series, SMRBD&PV-series
STOCZNIA USTKA SP. Z O.O.	HZ-series, PZ-series
SURVIVAL SYSTEMS INT	PL-series
TAIZHOU HAIHAO MARINE EQUIPMENT CO.,LTD	55KN-series, 21KN BOAT/RAFT DAVIT-series
TECHNIMPIANTI S.P.A	FRB-series
TSUJI HEAVY INDUSTRIES	RP-series, H-series, T83-series, TC-series
TTS (HYDRALIFT )	HL-series HL9D-series
ULSTEIN FAMA (FAMA GNIEW)	ZO-series, ZT-series
VANGUARDE	PL-series, HS-series, MS-series, VS-series, DH-series, PR-series, PRH-series, LE-series, VL-series, PFH-series, SRH-series
VERHOEF	FL-series
VESTDAVIT	PLA-series, L-series, P-series, PAP-series, PAPHseries, PL-series, PLAR-series,, PLD-series, PLI-series, PLPseries, PLR-series, TBD-series
VIKING (NORSAFE)	SW-series, A-series, C-series, D-series, NDCseries, CH-52-series, NRC-R-series, , NDA-series, NRB-series, E-series, LH-series
VIKING (NORSAFE) (JIANGYIN)	NDSC-series, NDSC-R-series, HD-series
WELIN LAMBIE	LRW-series, SARBE-series, PIV.1.0A-series
WUXI SHENGOU	SMC-series, SMD-series, HMDA-series, SHMDL-series, SMD-series
YOUNGNAM MACHINERY CO. LDT	YNBD-series
ZHEJIANG HENGXIN SHIP EQUIPMENTS CO.,LTD	SA23-1-series
ZHEJIANG TAIZHOU WANTONG MARINE MACHINERY CO LTD	YSJ-series
ZHENJIANG MARINE AUXILIARY MACHINERY WORKS	SRH-series
ZHENJIANG DH MARINE EQUIPMENT CO.,	MSD-series
ZHENJIANG JUST MARINE EQUIPMENT CO., LTD	FH-series
ZHENJIANG MARINE AUXILIARY MACHINERY WORKS	FH-series, PL-series, HDCL-series, SAF-series, SAFCseries, SAW30-series, ZF-series, L-series
ZHENJIANG WEST MARINE EQUIPMENT CO., LTD	WME-LRH35-series



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**Remarks:**

Approved according to MSC.402(96)/Corr.1 and IACS UR Z17, rev.14.