

APPROVAL OF SERVICE SUPPLIERS

Certificate No:
AOSS0000MM8
Revision No:
2

This is to certify that

S.E.A.S. Services

Pointe Noire, Congo

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 **2024-05-08** to (inclusive) **2027-05-07**.

This Certificate is issued on **2024-06-18**.



for **DNV**

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

Scheid, Antonius
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This Certificate may be withdrawn if: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:

JIANGYIN WOLONG F.R. P BOAT CO., LTD	
LIFEBOAT & RESCUE BOAT	
Totally Enclosed	JY50C/F,JY50CA/FA,JY57C/F,JY60C/E/F,JY65C/F,JY70C/F,JY80C/F,JY80CA/FA
Lifeboat	JY85C/F,JY85CA/FA,JY85CB/FB,JY93C/F,JY102/F,JY117C/F
Free Fall lifeboat	JY49CF/FF,JY59CF/FF,JY67CF/FF,JY85CF/FF,JY109CF/FF
Rescue boat	JY40KR,JY42KR,JY45DR,JY45KR,JY50R,JY54KR,JY60KR,JY65KR,JY75KR,JY85KR
Partially Enclosed Lifeboat	JY70P,JY80P,JY85P
Open Type Lifeboat	JY45KR,JY55K,JY65K,JY70K,JY75K,JY80K,JY85K
DAVIT & WINCH	
Gravity Luffing Arm Type Davit	JY-LE14,JY-LE65,JY-LE85,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-PL150,JY-PL185,JY-PL215
Single Arm Boat Raft Davit	JY-SAF21,JY-SAF23,JY-SA235,JY-SA375,JY-SR335,JY-SAF33, JY-HSR23/16,JY-HSR33/23,JY-FCR2066,JY-FCR2305
rescue Boat Davit	JY-PLR21,JY-LFR27,JY-LRHE18,JY-LRHE30,JY-LRHE70 JY-LFR35,JY-SAP14,JY-SAP30
Gravity Overhead Rolling Type Davit	JY-HE70,JY-HE95,JY-HE120,JY-HE155
Telescopic Boom Type Davit	
	JY-TBD 120,JY-TBD 215,JY-TBD35
Hydraulic Luffing Arm Type Davit	
	JY-GYE70,JY-GYE120,JY-GYE185
Connecting Rod Type Davit	
	JY-GL70,JY-GL95,JY-GL120,JY-GL185
Winch	
	JY-SAP14,JY-D23Z,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-DW125S,JY-DP110S/Z JY-DP150/Z,JY-DP185,JY-DP215
Release Mechanism of Lifeboat	
Release Mechanism of Lifeboat / Rescue Boat	HK40,HK40A,HK50B,HK50A,FHK70,HK70,HK115,LB60MR,LB80MR LB120MR,FHK80,FHK90,LB35MRS,LB70MRS
HATECKE	
(Fast) Rescue Boats	RB AB, RB AB Duplex, RB AB FH, RB IB, RB/FRB AB FH

Launching Appliances	DFR, DFR PAL, DR, FFA, FFA LP, FFB, Gsp.FLH, Gsp.O, GspFP, W07, W10, W26
Lifeboats	GFF, GFF-T, GSAR, GSL, GSL-T
Release Gear	Duplex <9t, gff-r,="" simplex,="" duplex="" 2.6,="" duplex="" 3.0,="" duplex=""> Duplex 4.3 / 4.6, Duplex 6.0, GFF-R-10, GFF-R-11, GFF-R-8, Simplex 2.0 Off Load Simplex 2.0 to Simplex 2.0i Simplex 3.0 Simplex 4.3 Simplex 6.0

WEST MARINE ENGINEERING PTE LTD ZHENJIANG WEST MARINE EQUIPMENT CO., LTD

TYPE	DESCRIPTION
WME-SAD14	Single arm davit
WME-SAD23	Single arm davit-manual operation
WME-SAD30	Single arm davit
WME-LR30	A-frame davit-semi hydraulic system
WME-LRH30, WME-LRH35, WME-LRH75	A-frame davit fully hydraulic system
WME-MGD185	Conventional davit
WME-HTD30	Boat raft davit

BOPP CERTIFICATE OF COMPETENCE

TYPE	Bopp DAVIT BHD40

HENRIKSEN

TYPE	all Henriksen Lifting Hooks.

SURVITEC

CERTIFIED PRODUCTS	SurvitecZodiac FRB 600 SurvitecZodiac RIBO, RB 4, RB 6 SurvitecZodiac RIBO 340 SurvitecZodiac RIBO 420 SurvitecZodiac RIBO 450 SurvitecZodiac RIBO 600

VADYAR BOATS PVT LTD

Lifeboats	VB 9.2 mtr 70 Persons Capacity Totally Enclosed Fire Protected Lifeboat. VB 8.5 mtr 60 Persons Capacity Totally Enclosed Lifeboat. VB 8.5 mtr 60 Persons Capacity Partially Enclosed Lifeboat.

	VB 7.5 mtr 50 Persons Capacity Partially Enclosed Lifeboat.
Rescue Boat	VB 4.7 mtr 9 persons Fast Rescue Boat. VB 4.5 mtr 6 persons Rescue Boat.
Launching Appliances	VB 10 Ton Davit and Winches. VB 1 Ton Single Arm Davit and Winches.
On-Load Release Gear	VB Lifeboat On Load Release Gear. (Safe Working Load 6 Tons) VB Rescue Boat On Load Release Mechanism (Safe Working Load 1.3 Tons)
VANGUARDE	
Type	RELATED SERIES
LIFEBOAT & RESCUE BOAT	VG/VG-FF/FC/KR/DB/DRS/DR4/HLB/HLBLR/FRK/FRW
HOOK (LRRS)	C-SAFE/SPEARHEAD
DAVIT	LVD/PL/A/PLR/SRH/LR/VAE/VL/VL-G/V/S
WINCH	DW/D/D/DW/S/SLR/DWP/HW/PRH/VW/S/VW/Z
VANGUARD RETUBING	
Assembly and installation of Retubing tubes Qualified to carry out repairs, inspection operations, maintenance and assembly of Vanguard Boats and Retubing tubes according to MSC 402 (96) in the facilities of the above-mentioned Company.	
SEAS CONGO CONTINUED EDUCATION AS ASP	
MANUFACTURER	APPROVED MAKE AND TYPE SYSTEM
Palfinger	Noreq FRB, Palfinger RSQ, Ned Deck Marine CAR, Ned Deck Marine SCH, Ned Deck Marine 04, Mills TITAN, Schat Harding RH 1.5, Shat Harding RRH, Schat Davit LT
BC Service	BC Service U-Hook
Davit International	Davit International ALH, Davit International D-NP, Davit International D-CR
Viking	Norsafe TOR, Norsafe Mathilda, Norsafe JYN, Norsafe GES, Norsafe NDSC, Nadiro DIB
Global Davit	Global Davit RML, Global Davit RMS, Global Davit RHS, Global Davit W
Beretta	Beretta PF

Remarks:

The company is to ensure that only suitably qualified and trained persons as per OEM qualification lists attend vessels for survey.