

CERTIFICATE OF APPROVAL OF SERVICE SUPPLIER

CERTIFICATE NO. SSU518723xh

This is to certify that

SAES-SAFETY ENGINEERING SERVICES

ELEFThERIOU VENIZELOU 78
14231 Nea Ionia GREECE

*Has been approved in compliance with the
RINA "RULES FOR THE CERTIFICATION OF SERVICE SUPPLIERS"
for the supply of the following services to ships and other units classed by RINA:*

A - Thickness measurements on ships or mobile offshore units

**N - Maintenance, thorough examination, operational testing,
overhaul and repair of lifeboats and rescue boats, launching
appliances and release gear**

**D - Inspection and maintenance of fire extinguishing equipment
and systems**

**H - Inspection and maintenance of self-contained breathing
apparatus**

Date of the audit: **27 Oct 2023**

Issued in **PIRAEUS**

on **03 Nov 2023**

This Certificate is valid from the date of the audit until

26 Oct 2026

This certificate consists of this sheet plus an attachment.



This is an electronically signed document and does not require a handwritten signature.

Andreas PAPALIMNEOS

RINA Services S.p.A.



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ATTACHMENT TO CERTIFICATE NO. SSU518723xh

VALIDITY CONDITIONS

This service supplier is certified according to the 'RINA Rules for the Certification of Service Suppliers' to carry out maintenance, thorough examination, operational testing, overhaul and repair of lifeboats and rescue boats, launching appliances and release gear in accordance with SOLAS Regulation III/20 for the list of makes and models/series of equipment in the attached Annex N.

Note 1: For the purpose of application of IMO Resolution MSC.402(96), including Corr.1, the service supplier is to be authorized by the Flag Administration under which the ship is registered.

For Flag Administrations which have authorized RINA as their Recognized Organization and accept RINA 'Certificate of Approval of Service Supplier' as equivalent to their authorization document to the Service Provider, according to the IMO Resolution MSC.402(96), including Corr.1, this Certificate may be accepted also for statutory purpose, in lieu of the Flag's authorization document to the Service Provider, allowing the firm to provide their services on the makes and models/series of equipment listed in the Annex N to this Certificate.

Note 2: This certificate of approval is also issued on behalf of Italian Administration according to the Italian 'Executive Decree n. 321' dated 21st April 2020 and Circular NDS n. 22/2021.

Therefore, this Service Provider is authorized to provide their services on board ships flying Italian flag for the makes and types of equipment defined according to ISO/PAS 23678, listed in the table of Annex N to this Certificate, without prejudice to the particular requirements in the aforementioned Italian official documents.

General conditions for the approval

- a) *The initial conditions verified by RINA at the time of the approval are to be maintained*
- b) *Any changes to the initial conditions are to be promptly communicated to RINA, which reserves the right to repeat the relevant assessments*
- c) *RINA personnel are to be allowed to witness during the performance of activities, upon their request*
- d) *The activities are to be carried out in compliance with the RINA Rules and or other applicable rules*
- e) *RINA may revoke the approval at any moment in the case of modifications to requirements or conditions for the approval*



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Andreas PAPALIMNEOS

RINA Services S.p.A.



Annex N

List of makes and types of equipment

Attached to Certificate No. SSU518723xh

The Service Supplier is approved by RINA for performing services such as maintenance, thorough examination, operational testing, overhaul and repair of lifeboats and rescue boats, launching appliances and release gear, in accordance with SOLAS Reg. III/20, for the following equipment:

MAKE	TYPE acc. to ISO/PAS 23678	MODEL/SERIES
Lifeboats		
NISHI F		EML-18,PML-22,CML-19S,NF-73A, CML-19, PML-35,CML-20AS,NF75,CML-20,CML-21S CML-21,CML-22A,FF-65,CML-22,CML-23S,FF-65S,CML-23,CML-25AS,FF-72 CML-25,CML-27AS,FF-72S,CML-27,DML-73S,DML-73,F-43 G-48ATR,G-54AFR,G-73C, G-54ATR,G-63AFR,G-63ATR,G-65BFR,G-65BTR, G-73DFR,G-73FTR,G-80CFR,G-90BTR
JIANGYINSHI BEIHAI LSA CO., LTD		SC45KR,SC45K, JYB40R,JYB55KR,JYB45Q,JYB50K,JYB60K,JYB70K, JYB75K, JYB80K,JYB65Q,JYB78Q, JYB60G, JYB65G, JYB65GA, JYB65GW,JYB65W,JYB78W,JYB65FW,JYB65FG,JYB65FGA,JYB75G, JYB78FG,JYB85FG,JYB85B,JYB99B,JYB50F/C, JYF57F/C,JYB65F/C, JYB75F/C,JYB80F/C,JYB85F/C, JYB99F/C, JYB52FF/FC, JYB66FF/FC, JYB75FF/FC
BALDEN		BD-LBC1, BD-LBC2, BD-LBT1, BD-LBT2 , BD-FFC1, BD-FFC2, BD-FFT1, BD-FFT2, BD-FFC505, BD-FFT505
Qingdao Beihai		BH-5.5A,5S,5SA,E500,E585,6.6A,6S,E670,7A,7B,8, BH- F6.0,F7.0A,F7.8,F8.1,F5.8,F6.8,F660,F670,F750,F900, F900A
JJME		JY-FN-4.9/JY-FF-4.9/JY-FN-5.8/JY-FF-5.8 JYM-FN-6.65/JYM-FF-6.65/JY-FN-6.8/JY-FF-6.8 JY-FN-7.5/JY-FF-7.5/JY-FN-8.5/JY-FF-8.5/JY-FN/FF-9.5 JY-QFP/N-5.0/JY-QFP/N-5.25/JY-QFP/N-5.6/JY-QFP/N-6.0A JY-QFP/N-6.50/JY-QFP/N-7.0/JY-QFP/N-7.5/JY-QFP/N-7.50A JY-QFP/N-8.00/JY-QFP/N-8.50/JY-QFP/N-8.50X JY-QFP/N-9.35/JY-QFP/N-10.90A
VADYAR		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.
WUXI HAI HONG		HH70C/HH70T(QFP7.0/QFN7.0) HH85CS/HH85TS(QFP8.5/QFN8.5) HH65CS/HH65TS(QFP6.5/QFN6.5) HH75CS/HH75TS(QFP7.5/QFN7.5) HH80CS/HH80TS(QFP8.0/QFN8.0) HH65C/HH65T(QFP(H)6.5/QFN(H)6.5) HH50C/HH50T,HH53C/HH53T (QFPH5.3) HH75C(QFPH7.5) , HH58C/HH58T,HH57C/HH57T HH59FC/HH59FF, HH76FC/HH76FF
ZHEJIANG WANTONG		BCF/C-5.0M,BCF/C-5.7M,BCF/C-6.5M, BCF/C-7.5M,BCF/C-8.5M,BCF/C-10.3M BJ-5.5M, BJ-6.5M, BJ-7.5M BCFF/C-5.2M.BCFF/C-6.0M,BCFF/C-6.8M,BCFF/C-6.8M-1
NSY (ZHEJIANG)		NYF &NYC , NYPF & NYPC , NYZ



Annex N

List of makes and types of equipment

NORSIER)		
HXN		BCC,BCF,BCFC,BCFF
NINGBO		NM43R(A), NM45R, NM45RB, NM60R NM52FC/NM52FF, NM59FC/FF,NM67FC/FF
WUXI WENJIAO		WJB50F,WJB50C,WJ57F,WJ57C,WJ58F,WJ58C,WJ75F,WJ75C WJ59FF,WJ59FC,WJ67FF,WJ67FC WJ40R,WJ45KR,WJ45D3,WJ45D,WJJZ45,WJ55D,WJ60RA,WJ60RB WJ45D,BJ55,BJ60,BJ65,BJ70,BJ75,BJ80,BJ85
DSB ENGINEERING		DSB50F/C,DSB58F/C,DSB60F/C,DSB75F/C, DSB85F/C,DSB95F/C,DSB150F/C DSB49FF/FC,DSB59FF/FC,DSB75FF/FC
Rescue Boats		
QINGDAO BEIHAI SHIPBUILDING HEAVY INDUSTRY CO., LTD		BH-R4, R4S,R4SA,R5S
BALDEN		BD-R01, BD-R02
VADYAR		VB 4.7 mtr 9 Persons Fast Rescue Boat. VB 4.5 mtr 6 Persons Rescue Boat.
WUXI HAI HONG		GJ4.5B/GJ4.5B1 , GJ618A/ GJ618B
ZHEJIANG WANTONG		GJ-4.0M,GJ-4.5M,GJ-4.5M-1,GJ6.0B-1/2,GJ6.0D-1,FRH65Q,RH78-1
HXN		GJ,FRH,RH
NINGBO		NML50C, NM50C/F,NM57C/F,NM58C/F,NM65C/F,NM75C/F, NM85C/F,NM117C/FF
DSB ENGINEERING		DSB40R, DSB60RA/RB
Launching Appliances		
QINGDAO BEIHAI SHIPBUILDING HEAVY INDUSTRY CO., LTD		Davit: BD-PV50,PV60,PV60S,PV85,PV125 BD-FF55,55A,55R,FF80,80A,80R,80B,FF65/66,FF67,FF85 BD-SA14,14A,14B,SA21,21A,SA23,SA30,30A,SA33,SH23 Winch: BW-H(L/R)31,50,63,75 L(L/R)75,125 SC14;21,30,YSB20-120
SEKIGAHARA		SH,SFB,SHS,STS,SSS,SFS,SFA,SFC,SFD,SJS,SJR
ZOLLERN		Winch: type 4,15
Jiangyinshi Beihai		Davit: SAC15,SA21/SAC21,SA21-A,SAC25,SA30/SAC30 SA35,FA65,FA75,FA100,LB14-H,LB30-H,LB45-H LB50-H,LB60-H,LB65-H,LA65,LB90-H,LB120-H BHG65,BHG90, BHGH120,BHG170,PD50,PD85 PD115,PD145,PD175,FRH27,FRH27B,FRH50,FRH50N EHRD18,EHRD30,SRH27,BHGP65,BHGP90,BHGP120 RB75-H,HB30,HB90,HB120,HDC2-10,HDC3-10 ESAD25,SM21 Winch: D21Z,D21Z-A,D25Z,D30Z,D30Z-A,D35S/Z,D50S/Z DW50S/Z,D63S/Z,D100S/Z,DW100S/Z,DW110S/Z HW30,HW50,JYBW45L/R,JYBW53L/R,FFW25,FFW40
DENIZSAN		Davit: DSFFD50



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		DSRBD21, DSRBHC21 DSFRB21 DSFV3,5, DSFV7
		Davit: H,T,TC / Winch: EB,TC,OAP
MANSEI		DAVIT: SERIES OF: EBD, EM, ABD,AH,AT,AV SERIES OF: EH,ET,EV,M, CM SERIES OF: D-FH,DE-FH,MFE, MFH SERIES OF: SR,SRE,R,S,RD,EHR WINCHES: SERIES OF: EBW,ABW,AW,EW,MW,CMW, 06, FW,SW,RMW,MLW,ERW
MIURA		Davit: BD-PV50,PV60,PV60S,PV85,PV125 BD-FF55,55A,55R,FF80,80A,80R,80B,FF65/66,FF67,FF85 BD-SA14,14A,14B,SA21,21A,SA23,SA30,30A,SA33,SH23 Winch: BW-H(L/R)31,50,63,75 L(L/R)75,125 SC14;21,30,YSB20-120
JJME		Davit: JYL52/JYL55/JYL65/JYL85/JYL105/JYL135 JYP65/JYP85/JYP105/JYP135 JYR21/JYR21S-A/JYRC21/JYR14/JYRH14/JYRH21/JYR26/JYR30 JYR23 Winch: FW45/JYW42/JYW50/JYW70/JYW100/JYWP70/JYWP100 JYWP135/JYW35/JYRZ21 Launching appliance: JYF55/JYF75/JYF75-B/JYF75-A/JYF90
VADYAR		Launching appliance: VB 10 Ton Davit and Winches. VB 1 Ton Single Arm Davit and Winches.
ZHEJIANG WANTONG		Davit: 25KN,40KN,LB50.LB50-1,LB50-2,LB70-1, LB85,LB120.LB 170-1 PD32,PD85,PD85-1,PD125,PD210 Winch: DZB25,D25Z,D32Z,D40S/Z,D42S/Z.D50S/Z, D50S/Z-1,D63S/Z,D100S/Z,D125S,DW100S/Z,DW145S/Z,DW220S Launching appliance: FH55,FH65 SA23-1,SA23-2,HDC3-10,HDC3-10-1, HD C3-10-2,HDC3-10-3,SA45
ORIENTAL		Davit & WINCH : HGD SERIES, HGK SERIES, SHS SERIES, RTD SERIES, DHA SERIES DMA SERIES, FD SERIES, WL SERIES, RD SERIES, RDW SERIES WINCH: BWE SERIES, SWE SERIES , WL SERIES, FD SERIES, WL SERIES RD SERIES, RDW SERIES
NSY(ZHEJIANG NORSIER)		Davit: NLB,NSA, NHCD
Shanghai Hengyuan		Davit: SAFC-21,FH-70,FH-65,FH-55
HXN		Davit: FH,SA,HDC,LFR,LR,HE,PD,SRH,LB,KN winch: DZB, D, DW
Jiangsu Haitai		Davit:



Annex N

List of makes and types of equipment

		All types Winch: All types
NINGBO		Davit: NMSD14KN,NMSD23KN,NMSD25KN, NMC25,NMC30,NMSD33KN LAUNCHING APPLIANCES: NMAR30(-1),NMAR60,NM30 NMD25KN,NMD40KN, NMD45KN,NMD55KN,NMD60KN NMD65KN, NMD85KN, NMD120KN LAUNCHING APPLIANCES: NMF55KN, NMF70KN PD50, PD70, PD85, PD120 HLA85, HLA120, HLA210, HTA70,HTA120 Winch : NMW42L/R, NMW50L/R,D63S/Z,D80S/Z , DW100S/Z, DW145/Z
DSB ENGINEERING		Davit : DSB60DLL,DSB85DL,DSB138DL,DSB205DL DSB150DYL DSB70DF,DSB85DF DSB23DR, DSB30ARH, DSB18/27DR
Release Gears		
QINGDAO BEIHAI SHIPBUILDING HEAVY INDUSTRY CO., LTD		BG-3,3R,3L,BG-7, BH-HOOK3, HOOK5, FS5,FS7, BG-3F, 3.5F, 4F,4.5F,4.5FL,5F,6F, WUXI XINGSHENG 15,21,23,25,35KN HOOK
JIANGYINSHI BEIHAI LSA CO., LTD		JYBHK-20N,JYBHK-30N,JYBHK-40NA JYBHK-40D,JYBHK-56F,JYBHK-60N JYBHK-60D,JYBHK-85N,JYBHK-100
NISHI F		IHM-12,IHM-12B,IHM-13, NS-2.5,NS-3,NS-5,SR-3(SRS-37),SR-A,SR-6,FF-H6T,FF-H7T
BALDEN		BD-HR1, BD-HR38
JJME		JX and JXN Series
VADYAR		VB Lifeboat On-load Release Gear. (Safe Working Load 6 Tons) VB Rescue Boat On-load Release Mechanism. (Safe Working Load 1.3 Tons)
NSY(ZHEJIANG NORSIER)		NHK
WUXI HAI HONG		HH76/HH43/HH30/HH20
ZHEJIANG WANTONG		HK40,HK40D,HK65,HK105
SURVITEC		CH-52 12-3.5 (L/R)
HXN		HK
WUXI WENJIAO		WJHK40,WJ30HK,WJHK55,WJ63HKC,WJ67HK,WJ40
WUXI MINGZI		HK40,WHK40,WHK65, 15KN, 21-25KN, 31-37KN
MANSEI		SERIES OF: RH