SHADOW NAUTICS



DEFEND — SAFEGUARD — EXPLORE

SHADOW NAUTICS

The company SHADOW NAUTICS Ltd. was founded in 2010 and has set high standards from the very beginning in the sector of maintenance, servicing, and repair of vessels, dedicated to providing top-notch services that meet the specific needs of our clients. In the past three years, we have focused on expanding our business through the development and design of our own vessels, which are tailored for defense, patrolling, search and rescue, as well as for sports and leisure. These include the models Shadow PATROL 47, Shadow MILITARY 47, Shadow SAR 47, and Shadow YACHT 47.

We emphasize the importance of customized solutions that ensure each vessel meets our clients' individual requirements, taking into account technical and construction capabilities. Our team of experts combines extensive experience with the latest technologies and innovations, focusing on quality, safety, and efficiency. We are committed to the constant improvement of our products to meet all challenges related to navigation and safety.

SHADOW NAUTICS Ltd. is certified as an approved manufacturer of vessels by the Croatian Register of Shipping and as an approved shipper, including machining and outfitting of vessels. We apply the ISO 9001:2015 quality management system as well as the ISO 14001: 2015 and ISO 45001: 2018 environmental management system to ensure high standards in our operations.

Our employees, work equipment, and production facilities meet all safety requirements for occupational health and safety, and all production processes are under strict control.

At SHADOW NAUTICS, the safety and satisfaction of our customers are our top priority.

Vision

"Our vision is to become a leading manufacturer of special vessels in the sectors of defense, security, and yachting, providing innovative solutions that ensure the safety and protection of our clients. We strive to set new standards of quality and technology and aim to be synonymous with trust and excellence in the design and outfitting of vessels."

Mission

"Our mission is to provide our clients with enjoyment and safety through the creation and production of special vessels that not only meet but exceed the highest standards of quality and performance. We are dedicated to innovation and constant improvement to ensure a top-notch experience at sea."



SHADOW MODELS

Shadow MILITARY 47



Shadow MILITARY 47 – inboard



Shadow MILITARY 47 – outboard

Shadow PATROL 47



Shadow PATROL 47 – inboard

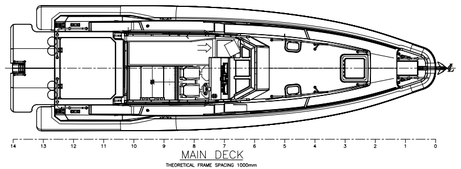


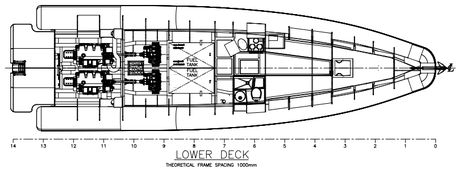
Shadow PATROL 47 – outboard

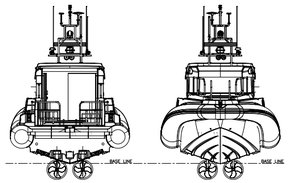
Shadow MILITARY 47 – inboard
Shadow PATROL 47 – inboard

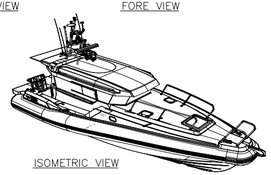
TECHNICAL SPECIFICATIONS













Shadow MILITARY 47 – inboard



Shadow PATROL 47 – inboard

PRINCIPAL CHARACTERISTICS OF THE SHADOW PATROL 47 & SHADOW MILITARY 47 – INBOARD

GA - SHADOW PATROL 47 & SHADOW MILITARY 47 – INBOARD

PARAMETER	Simbol	Metric labels	Value
LENGHT			
Maximum Length:	L_{max}	m	14.50
Hull Length:	L_H	m	13.72
WIDTH			
Maximum Width:	B_{max}	m	4.20
Hull Width without tube:	B_H	m	3.50
DRAFT			
Draft (design):	T_D	m	0.48
Maximum Draft: (mLDC)	T_{max}	m	1.18
SUPERSTRUCTURE HEIGHT			
Superstructure Height (on CWL, without antenas)	H_a	m	4.85
DISPLACEMENT			
Full Load Displacement:	V_D	m^3	12.62
Light Displacement (EC)	m_{EC}	kg	10000
Light Displacement (LC)	m_{LC}	kg	10510
Minimum Operating Draft (MO)	m_{MO}	kg	10810
Loaded Displacement (LDC)	m_{LDC}	kg	12940
Maximum Load:	m_L	kg	2428
TANK CAPACITIES			
Fuel Tank STB		l	700
Fuel Tank PORT		l	700
Fresh Water Tank		l	250
Hot Water Heater		l	30
Sewage Tank		l	70
Overflow Tank		l	15
Maximum weight of all liquids		kg	1400
BATTERIES			
Main Engine Starting Battery		Ah (V)	150 (12)-2 pct
General Purpose Batteries		Ah (V)	150 (12)-2 pct
Windlass and Bow Thruster Battery		Ah (V)	100 (12)-1 pct
Stern Thruster Battery		Ah (V)	100 (12)-1 pct
PASSENGERS/CREW			
Passengers/Crew			12

ENGINES- CATERPILLAR C7.1 2X373 kW+ ZF 400V **ENGINES- CUMMINS QSC 8.3 S.W. 2X441 kW+ ZF 400V**			
Total Maximum Recommended Power: 746 kW Total Maximum Recommended Power: 882 kW		kW kW	2x 373 2x 441
PERFORMANCE WITH CATERPILLAR			
Maximum Speed		knots	35+
Range at 100% Engine Power 35 knots		NM	230
Range at 80% Engine Power 29 knots		NM	260
Range at 65% Engine Power (Cruising Speed) 26 knots		NM	300
PERFORMANCE WITH CUMMINS			
Maximum Speed		knots	37.5+
Range at 100% Engine Power 37.5+ knots		NM	230
Range at 80% Engine Power 29 knots		NM	260
Range at 65% Engine Power (Cruising Speed) 26 knots		NM	300
PROJECT CATEGORY-CERTIFICED OPTION			
EU RCD category			A »Ocean« B »Offshore«
MODUL			B+F
SEA STATE			
Category "A" - "Ocean" Navigation in open sea conditions where wind strength exceeds 8 Bf (Beaufort scale of wind strength) and significant wave height exceeds 4 meters. Such vessels are fully self-sufficient.			
Category "B" - "Offshore" Navigation in open sea conditions where wind strength reaches up to and includes 8 Bf, and significant wave height reaches up to and includes 4 meters.			





HULL and SUPERSRTUCTURE

- Proven design, Deep-V hull.
- Glass reinforced polyester (GRP) Hull and Deck structure reinforced with Kevlar for additional impact resistance
- Built by Vacuum Infusion process with newest technologies
- Based on the class notation according to CRS Rules and EU directive 53/2013/EU
- 2 Watertight compartments with separate bilge system.
- Standard gel coat of RAL colour of the customer's choice or full paint solution
- Anti-slip deck

TUBE

- O-Shape air tube made of ORCA 1670 Decitex Hypalon/Neoprene.
- O-Shape complete of FRP and kevlar tubes filled with foam.
- O-Shape air tube made of ORCA 1670 Decitex Hypalon/Neoprene or a combination of FRP and kevlar tubes filled with foam.
- Weather, chemical, abrasion and UV resistant.
- 2 Rubber strakes fender bonded to the outer surface of the tube over the full lenght.
- Anti-slide pads fitted along the top of the tube.
- Option full lenght Life-lines on the outer side of the tube.
- Come with repair kit.
- Protective covers for the valves and overpressure valves made of the same material as the tube.

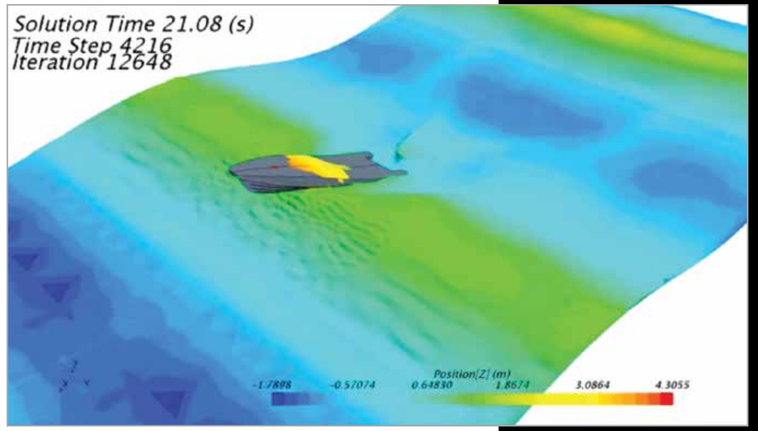








PROJECTING & TESTING



Software testing of the hull and strength measurement



Barcol test for hull



Software testing of the hull and strength measurement

ENGINE & PROPULSION

- 2 x Caterpillar C 7.1 373(746kw) or 2x Cummins QSC 8.3 S.W. 441(882kw) inboard . (At the customer's request, other engines can also be installed).
- Propulsion type V-drive with shaft - ZF 400V reductor with marine electronic propulsion control
- Through exhaust type (below water level).
- Hydraulic steering control with 2 ruder
- Zip wake Dynamic trim control system or Trim tabs control system
- Bow thruster electrical 6 kw- 185 mm tunel
- Stern thruster electrical 6,5 kw doble prop-185 mm tunel
- Outfitted with Cathodic protection.
- 2x Double Racor separator system
- 2x Blower for engine room ventilation

ELECTRICAL SYSTEM

- Generator Fischer panda 6,4kw - 230V/50 Hz
- TBS electronics Powersine combi inverter 12V-220V/1600W with battery charger 60 A
- 12V DC fully insulated two-wire system.
- 230V AC shore power conector 32A
- 2 x Engine driven alternators.
- All batteries are sealed maintenance free, shock and vibration resistant AGM or GEL type.
- Marine Type cables routed through watertight piping below deck.
- Features shore power system, navigation light, search light, work lights, console lights and dimmer, interior lights, exterior lights, strobo lights.

OUTFITTINGS

- Hard top in aft area
- Collapsible stainless steel T-Top, watertight fabric cover for aft bimini roof
- Anchoring, Berthing and Mooring : anchor system, 2 x V bow bollard, 4x V stern bollards, 2 x T side bollards
- Bow locker
- Anchor with windlass and inox chain
- 4 x Stainless steel Lifting eyes 16 S.W.L.
- 2 x Stainless steel gun posts lone FWD and one AFT)
- Stainless steel inserts, as provisions for the installation of bullet proof panels.
- Stern platform with swimming ladder (option hydraulic up/down)
- Stern rail with fender holders

AUXILIARY SYSTEMS

- 4 x Fire extinguishers.
- Stationary Fire Suppression System
- 4 x Submersible automatic electrical bilge pumps.
- 1 x Emergency bilge and fire pump 220V
- 1 x Manual bilge pump.

HEATING, VENTILATION & AIR CONDITION SYSTEMS

- 2 x Dometic air conditioner with 16,000 BTU cooling and heating
- 1 x Webasto EVO TOP 5 heating system
- 1 x Defroster system for windows
- 1 x Ventilation system for cabin and saloon

NAVIGATION & COMMUNICATION SYSTEM standard equipment

- 3 x SIMRAD NSS EVO3S 16" multifunctional monitors
- 1 x Raymarine Axiom pro 12" multifunctional monitors
- 1 x SIMRAD RADAR HALO 3004: 130W Pulse Compression Radar System
- 1 x SIMRAD IS 42 multifunctional display
- 1 x SIMRAD AP44 Autopilot controller
- 1 x SIMRAD WR10 AP remote controller
- 1 x SIMRAD GS-25 GPS ANTENA
- 1 x SIMRAD WS310 wind packet
- 1 x SIMRAD SS60 xsonicSS60 20°Tilt
- 1 x SIMRAD total scan sonda Active Imaging 3-IN-1 Transducer
- 1 x SIMRAD VHF RS40-B AIS TX/RX + GPS-500 SIMRAD
- 1 x SIMRAD RF-25N Ruder feedback
- 1 x SIMRAD IR kamera 316 Stainless Steel RTSP IP camera aft area
- 1 x FLIR M400XR termovision system with joystick
- 1 x Compass with illumination
- 1 x Rudder position indicator
- 1 x Joystick controls for bow and stern thrusters
- 1 x Spotlight controller
- 1 x FIREBOY Notification and control system for smoke detection and automatic fire extinguishing
- 1 x Anchor winch controller
- 1 x Multifunctional display SIMRAD IS 42
- 1 x SIMARINE pico multifunctional display for battery status, tank levels, temperature, air pressure, and more
- 1 x NAVIONICS nautical card
- 1 x Hailer and horn
- 2 x CCTV system engine area



ARMAMENT FOR SHADOW MILITAY 47 options

- **Roof:** 1 x Kongsberg SEA PROTECTOR NAVAL RS4 12,7 - Remote Weapon Station or Aselsan SMASH 200/12.7-L
- **Aft area:** 2 x Kongsberg Browing M2 12,7mm or Dillon Aero M134D-M 7.62 mm mini gun
- **Bow area:** 1 x Dillon Aero M134D-M minigun 7.62 mm - with CEV system

Customer determines the armament with which the vessel will be equipped in accordance with the agreement with the manufacturer and the technical capabilities of the vessel.

BALLISTIC PROTECTION STANAG LEVEL 2 OR HIGHER (glass, polyethylene plate, ceramic ballistic plate or steel plate) wheelhouse, engine cover, fuel tanks, deck, roof and other parts



INTERIOR & ACOMODATION EQUIPMENT

- Cabins and interior equipped for multi-day stays at sea
- 2 x Gramar seats equipped with special vibration dampers (shock absorbers)
- 1 x 4G router TP link ARCHER dual SIM + outboard marine 4G antenna TV
- 2 x LED TV 26" 12V with holder and TV spliter
- 1 x Marine oven
- 1 x Marine frigo Virtrigo 75 L
- 1 x Electric toalet system Johnson
- 1 x Shower area
- 1 x FM radio Hertz HMR20
- 4 x Speaker Hertz 6.5" 150W
- roller blinds for windows
- outside cover

OPTION LIST

- Seakeeper3 Gyro stabilizer system
- Hydraulic stern platform
- Watermaker HP 150 l/h
- Hydraulic Gangway
- Teak deck
- Other requirements as per customer needs











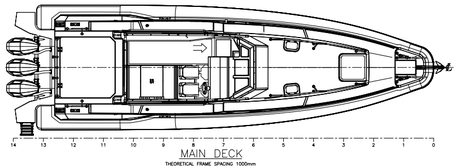


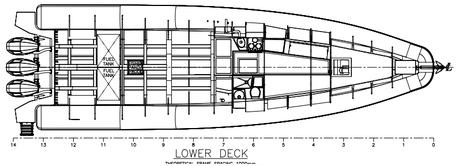


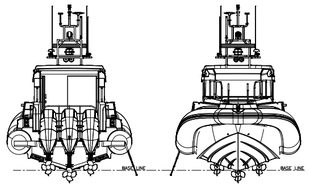
Shadow MILITARY 47 – outboard
Shadow PATROL 47 – outboard

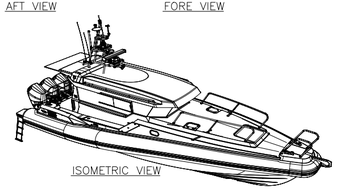
TECHNICAL SPECIFICATIONS













Shadow MILITARY 47 – outboard



Shadow PATROL 47 – outboard

PRINCIPAL CHARACTERISTICS OF THE SHADOW PATROL 47 & SHADOW MILITARY 47 – OUTBOARD

GA - SHADOW PATROL 47 & SHADOW MILITARY 47 – OUTBOARD

PARAMETER	Simbol	Metric labels	Value
LENGHT			
Maximum Length:	L_{max}	m	14.50
Hull Length:	L_H	m	13.72
WIDTH			
Maximum Width:	B_{max}	m	4.20
Hull Width without tube:	B_H	m	3.50
DRAFT			
Draft (design):	T_C	m	0.48
Maximum Draft: (mLDC)	T_{max}	m	0.48
SUPERSTRUCTURE HEIGHT			
Superstructure Height (on CWL, without antenas)	H_a	m	4.85
DISPLACEMENT			
Full Load Displacement:	V_D	m^3	10.62
Light Displacement (EC)	m_{EC}	kg	9000
Light Displacement (LC)	m_{LC}	kg	9510
Minimum Operating Draft (MO)	m_{MO}	kg	9810
Loaded Displacement (LDC)	m_{LDC}	kg	10940
Maximum Load:	m_L	kg	2428
TANK CAPACITIES			
Fuel Tank STB		l	600
Fuel Tank PORT		l	600
Fresh Water Tank		l	250
Hot Water Heater		l	30
Sewage Tank		l	70
Overflow Tank		l	15
Maximum weight of all liquids		kg	1300
BATTERIES			
Main Engine Starting Battery		Ah (V)	150 (12)-3 pct
General Purpose Batteries		Ah (V)	150 (12)-2 pct
Windlass and Bow Thruster Battery		Ah (V)	100 (12)-1 pct
PASSENGERS/CREW			
Passengers/Crew			12
STANDARD LIST OUTBORD ENGINES *Outboard engine brand as per customer's request*			
Mercury 2 x 600hp- V12 Mercury 3 x 600hp- V12 Mercury 3 x 400hp- V10 Mercury 3 x 350hp- V10	Yamaha 3 x 450hp-V8 Yamaha 3 x 350hp-V6	Honda 3 x 350hp-V8	

PERFORMANCE WITH Mercury 3 x 600hp-V12	Speed(kts)	rpm	Consum. (l/h)	Range(NM)
100% Engine Power	60+	6000	579	124
80% Engine Power	49	5000	339	173
65% Engine Power (Cruising Speed)	40	4000	255	188
PERFORMANCE WITH Mercury 3 x 400hp-V10	**Speed(kts)**	**rpm**	**Consum. (l/h)**	**Range(NM)**
100% Engine Power	50+	6000	430	139
80% Engine Power	42	5000	220	229
65% Engine Power (Cruising Speed)	35	4000	130	323
PERFORMANCE WITH Mercury 3 x 350hp-V10	**Speed(kts)**	**rpm**	**Consum. (l/h)**	**Range(NM)**
100% Engine Power	43	6000	421	122
80% Engine Power	38	5000	208	219
65% Engine Power (Cruising Speed)	31	4000	115	323
PERFORMANCE WITH Yamaha 3 x 450hp-V8	**Speed(kts)**	**rpm**	**Consum. (l/h)**	**Range(NM)**
100% Engine Power	55+	6000	430	148
80% Engine Power	45	5000	221	233
65% Engine Power (Cruising Speed)	36	4000	128	337
PERFORMANCE WITH Yamaha 3 x 350hp-V6	**Speed(kts**	**rpm**	**Consum. (l/h)**	**Range(NM)**
100% Engine Power	43	6000	340	152
80% Engine Power	38	5000	205	223
65% Engine Power (Cruising Speed)	30	4000	114	316
PERFORMANCE WITH Honda 3 x 350hp-V8	**Speed(kts)**	**rpm**	**Consum. (l/h)**	**Range(NM)**
100% Engine Power	43	6000	349	148
80% Engine Power	37	5000	236	188
65% Engine Power (Cruising Speed)	30	4000	112	321
PROJECT CATEGORY-CERTIFICED OPTION				
EU RCD category				A »Ocean« B»Offshore«
MODUL				B+F
SEA STATE				
Category "A" - "Ocean" Navigation in open sea conditions where wind strength exceeds 8 Bf (Beaufort scale of wind strength) and significant wave height exceeds 4 meters. Such vessels are fully self-sufficient.				
Category "B" - "Offshore" Navigation in open sea conditions where wind strength reaches up to and includes 8 Bf, and significant wave height reaches up to and includes 4 meters.				

ENGINE & PROPULSION

- 2 x Mercury 600 hp Outboard Engines duo prop.
- 3 x Mercury 600 hp Outboard Engines duo prop.
- 3 x Mercury 400 hp Outboard Engines.
- 3 x Mercury 350 hp Outboard Engines.
- 3 x Yamaha 450 hp Outboard Engines.
- 3 x Yamaha 350 hp Outboard Engines.
- 3 x Honda 350 hp Outboard Engines.

(At the customer's request, other engines can also be installed).

- Through propeller exhaust type (below water level).
- The Petrol Fuel System consists of 2 stainless steel tanks.
- Electro/hydraulic steering control with Joystick option
- Zip wake Dynamic trim control system or Trim tabs control system
- Bow thruster electrical 6 kw - 185 mm tunel
- Outfitted with Cathodic protection.
- 2 x Double Racor separator system
- 2 x Blower for engine room ventilation









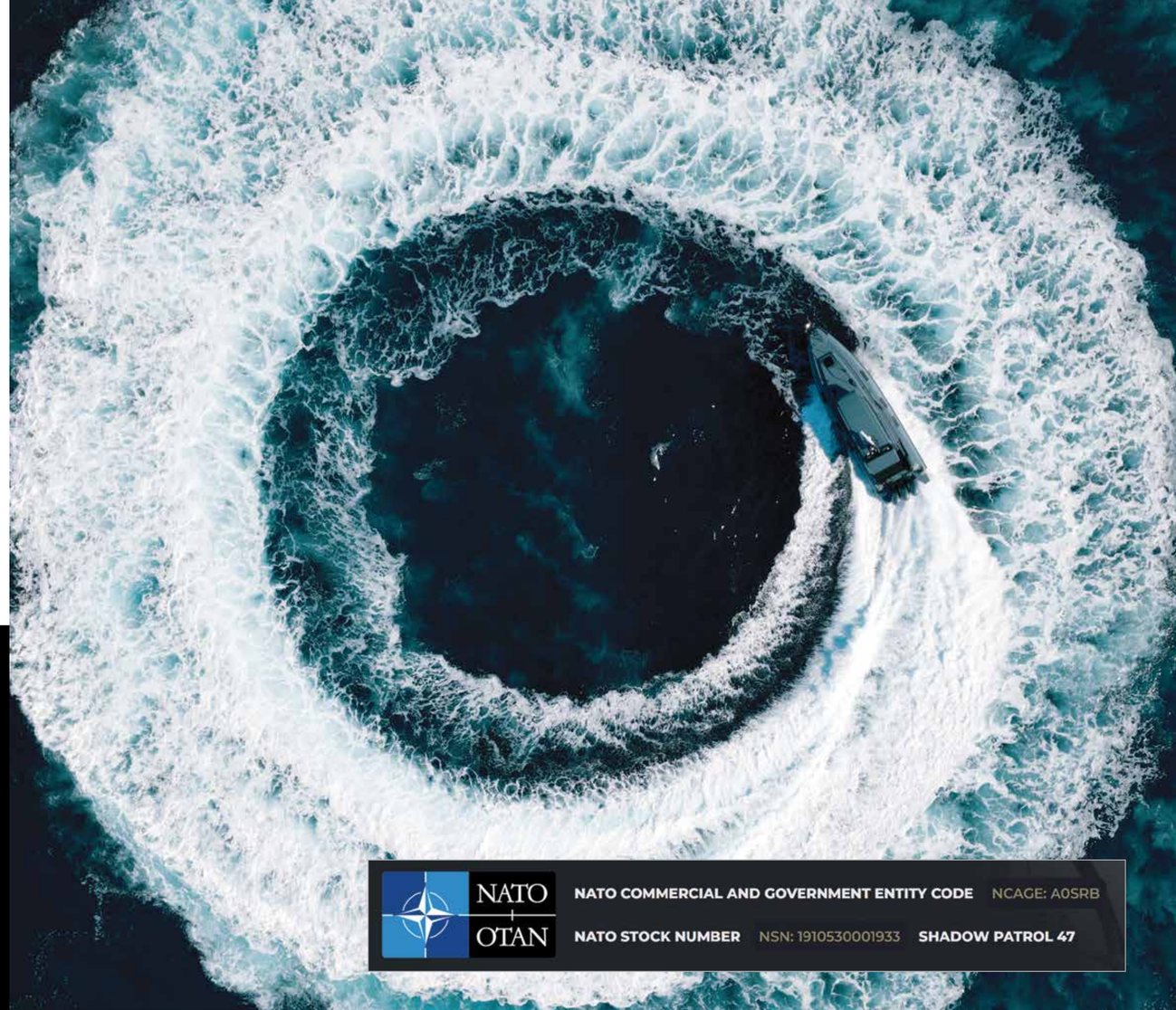







MINISTARSTVO FINANCIJA
CARINA




NATO
OTAN
NATO COMMERCIAL AND GOVERNMENT ENTITY CODE
NCAGE: A0SRB
NATO STOCK NUMBER
NSN: 1910530001933
SHADOW PATROL 47



HRVATSKI REGISTAR BRODOVA — *Croatian Register of Shipping*

Potvrda br. / *Certificate No.* 01-016897/0113452

POTVRDA O ODOBRENJU PROIZVOĐAČA
CERTIFICATE OF APPROVAL OF THE MANUFACTURER

Potvrđuje se da ovaj proizvođač udovoljava Pravilima za klasifikaciju brodova, Dio 1. – Opći propisi, Odjeljak 4. – Odobrenje proizvođača i ostalih osoba.
This is to certify that this manufacturer complies with the Rules for the classification of ships, Part 1 – General requirements, Chapter 4 – Approval of manufacturers and service suppliers.

PROIZVOĐAČ: / *MANUFACTURER*

SHADOW NAUTICS d.o.o.
Narodnog preporoda 4
22000 Šibenik
HRVATSKA / *CROATIA*

PODRUČJE ODOBRENJA: / *THE SCOPE OF APPROVAL:*

Proizvodnja i popravci plovila izrađenih od vlaknima ojačanih poliestera i sličnih materija, te plovila za napuhavanje s krutim dnom (RIB).

Manufacturing and repairs of vessels made of fiber-reinforced polyester and similar materials, as well as RIB (rigid inflatable boat).

DETALJI I UVJETI CERTIFIKACIJE DANI SU NA POLEĐINI. / *FURTHER DETAILS OF THE CONDITIONS FOR CERTIFICATION ARE GIVEN OVERLEAF.*

ODOBRENJE VRIJEDI DO: / *APPROVAL IS VALID UNTIL:* **2029-01-27**

Mjesto i datum: / *Place and date:* Split, 2025-01-27

M.P.

Marinko Popović, dipl.ing.

QF-PTO-06 1/2 2025-07



HRVATSKI REGISTAR BRODOVA
CROATIAN REGISTER OF SHIPPING
Sektor certifikacije sustava upravljanja
Division of the certification of management systems
Marasovića 67, 21000 Split, Hrvatska

POTVRDA
Certificate

Potvrđuje se da je sustav upravljanja kvalitetom organizacije: / *This is to certify that the quality management system of the organization:*

SHADOW NAUTICS d.o.o.
Narodnog preporoda 4, 22000 ŠIBENIK, HRVATSKA

koji se odnosi na opseg djelatnosti: / *concerning scope of activities:*

Proizvodnja stakloplastičnih i RIB plovila;
održavanje i popravak plovila, ugradnja strojeva i opreme plovila;
savjetovanje, planiranje i provjera provođenja radova pri servisiranju plovila
Fiberglass watercraft production; maintenance and repair of watercrafts, installation of engines and watercraft equipment; consulting, planning and vessel servicing verification

u sukladnosti sa zahtjevima norme: / *is in compliance with the requirements of the standard:* HRN EN ISO 9001:2015

Datum početne certifikacije: 2016-01-04 / *Original certification date:*

Potvrda br: / *Certificate No:* 0112763/0116683 — Vrijedi od: / *Effective date:* 2024-09-23 — Vrijedi do: / *Expiry date:* 2027-09-22

Damir Roje Ravnatelj / *Director*

Datum važeće prethodne potvrde: 2021-01-04 (povlačenje) / *Last certification expiry date*

Datum certifikacijskog/recertifikacijskog audita: 2024-09-11 / *Certification/recertification cycle audit date*

Izdano u Splitu, dana: 2024-09-23 / *Issued at Split, date:*

QF-PTO-06 1/2 2020-01



TÜVNORD

Certificate

ISO 45001

Management system as per
ISO 45001:2018

The Certification Body TÜV NORD CERT GmbH hereby confirms as a result of the audit, assessment and certification decision according to ISO/IEC 17021-1:2015, that the organization

SHADOW NAUTICS d.o.o
Delačka 40 - IZ PODI
22 000 Šibenik
Croatia

operates a management system in accordance with the requirements of ISO 45001:2018 and will be assessed for conformity within the 3 year term of validity of the certificate.

Scope

Fiberglass watercraft production; maintenance and repair of watercrafts, installation of engines and watercraft equipment; consulting, planning and vessel servicing verification

Certificate Registration No. 44 100 264300054 — Valid from 2026-05-20
Audit Report No. 12626889 — Valid until 2029-05-19
Initial certification 2020

Zagreb, 2026-05-20

Certification Body at TÜV NORD CERT GmbH

TÜV NORD CERT GmbH
Am TÜV 1, 45307 Essen
www.tuev-nord-cert.com

IAF DAkkS



HRVATSKI REGISTAR BRODOVA
CROATIAN REGISTER OF SHIPPING
Sektor certifikacije sustava upravljanja
Division of the certification of management systems
Marasovića 67, 21000 Split, Hrvatska

POTVRDA
Certificate

Potvrđuje se da je sustav upravljanja okolišem organizacije: / *This is to certify that the environment management system of the organization:*

SHADOW NAUTICS d.o.o.
Narodnog preporoda 4, 22000 ŠIBENIK, HRVATSKA

koji se odnosi na opseg djelatnosti: / *concerning scope of activities:*

Proizvodnja stakloplastičnih i RIB plovila;
održavanje i popravak plovila, ugradnja strojeva i opreme plovila;
savjetovanje, planiranje i provjera provođenja radova pri servisiranju plovila
Fiberglass watercraft production; maintenance and repair of watercrafts, installation of engines and watercraft equipment; consulting, planning and vessel servicing verification

u sukladnosti sa zahtjevima norme: / *is in compliance with the requirements of the standard:* HRN EN ISO 14001:2015

Datum početne certifikacije: 2025-04-28 / *Original certification date:*

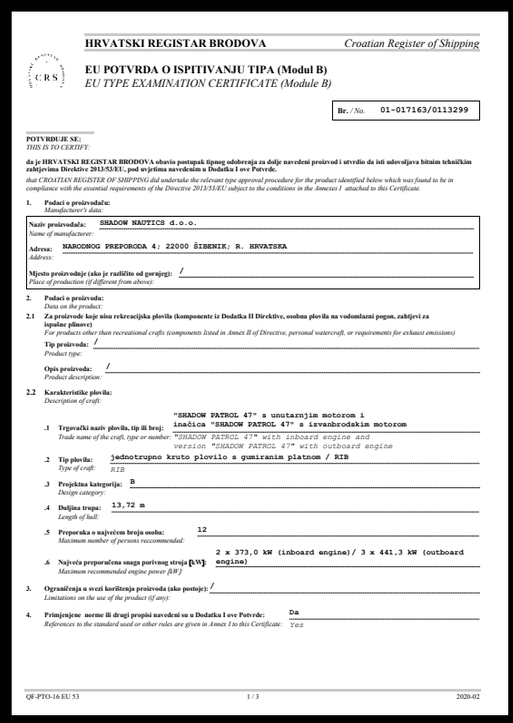
Potvrda br: / *Certificate No:* 00122/094748 — Vrijedi od: / *Effective date:* 2025-04-28 — Vrijedi do: / *Expiry date:* 2028-04-27

Damir Roje Ravnatelj / *Director*

Datum važeće prethodne potvrde: / *Last certification expiry date:*

Datum certifikacijskog/recertifikacijskog audita: 2025-04-25 / *Certification/recertification cycle audit date:*

Izdano u Splitu, dana: 2025-04-28 / *Issued at Split, date:*



HRVATSKI REGISTAR BRODOVA — *Croatian Register of Shipping*

EU POTVRDA O ISPITIVANJU TIPA (Modul B)
EU TYPE EXAMINATION CERTIFICATE (Module B)

Br. / *No.* 01-017163/0113299

POTVRĐUJE SE: / *THIS IS TO CERTIFY:*

da je HRVATSKI REGISTAR BRODOVA obavio postupak tipnog odobrenja za dolje navedeni proizvod i utvrdio da isti udovoljava bitnim tehničkim zahtjevima Direktive 2013/53/EU, pod uvjetima navedenim u Dodatku I ove Potvrde.

that CROATIAN REGISTER OF SHIPPING did undertake the relevant type approval procedure for the product identified below which was found to be in compliance with the essential requirements of the Directive 2013/53/EU subject to the conditions in the Annexes I attached to this Certificate:

1. **Podaci o proizvođaču:** / *Manufacturer's data:*

Naziv proizvođača: / *Name of manufacturer:* SHADOW NAUTICS d.o.o.
Adresa: / *Address:* NARODNOG PREPORODA 4; 22000 ŠIBENIK; R. HRVATSKA
Mjesto proizvodnje (ako je različito od gornjeg): / *Place of production (if different from above):* /

2. **Podaci o proizvodu:** / *Data on the product:*

2.1 **Za proizvode koji nisu rekreacijska plovila (komponente iz Dodatka II Direktive, osobna plovila na vodenjanj pogon, zahtjevi za ispušne plinove)** / *For products other than recreational crafts (components listed in Annex II of Directive, personal watercraft, or requirements for exhaust emissions)*

Tip proizvoda: / *Product type:* /

Opis proizvoda: / *Product description:* /

2.2 **Karakteristike plovila:** / *Description of craft:*

.1 **Trgovački naziv plovila, tip ili broj:** / *Trade name of the craft, type or number:* "SHADOW PATROL 47" s unutarnjim motorom i inačica "SHADOW PATROL 47" s izvanbrodskim motorom / *"SHADOW PATROL 47" with inboard engine and version "SHADOW PATROL 47" with outboard engine*

.2 **Tip plovila:** / *Type of craft:* jednotrupno kruto plovilo s gumiranim platnom / RIB

.3 **Projektna kategorija:** / *Design category:* B

.4 **Duljina trupa:** / *Length of hull:* 13,72 m

.5 **Preporuka o najvećem broju osoba:** / *Maximum number of persons recommended:* 12

.6 **Najveća preporučena snaga porivnog stroja [kW]:** / *Maximum recommended engine power [kW]:* 2 x 373,0 kW (inboard engine)/ 3 x 441,3 kW (outboard engine)

3. **Ograničenja u svezi korištenja proizvoda (ako postoje):** / *Limitations on the use of the product (if any):* /

4. **Primjenjene norme ili drugi propisi navedeni su u Dodatku I ove Potvrde:** / *References to the standard used or other rules are given in Annex I to this Certificate:* Da / *Yes*

QF-PTO-16 EU 53 1 / 3 2020-02



HRVATSKI REGISTAR BRODOVA — *Croatian Register of Shipping*

POTVRDA O GRAĐNJI BRODICE ZA GOSPODARSKE ILI JAVNE NAMJENE
prema zahtjevima Pravilnika o brodicama, čamcima i jahtama (N.N. 13/2020)
CERTIFICATE OF CONSTRUCTION FOR COMMERCIAL BOAT OR BOAT USED BY THE AUTHORITIES
in accordance with the Regulation of boats and yachts (Official gazette, No. 13/2020)

Br. / *No.* 01-017081/0113451

POTVRĐUJE SE: / *THIS IS TO CERTIFY*

Da je HRVATSKI REGISTAR BRODOVA izvršio postupak certifikacije dolje navedene brodice i utvrdio da ista udovoljava zahtjevima navedenim u Pravilniku o brodicama, čamcima i jahtama (N.N. 13/2020).
That CROATIAN REGISTER OF SHIPPING did undertake the relevant certification procedure for the boat identified below which was found to be in compliance with requirements laid down in the Regulation of boats and yachts (Official gazette, No. 13/2020).

Proizvođač: / *Manufacturer:* SHADOW NAUTICS d.o.o.
Adresa: / *Address:* NARODNOG PREPORODA 4; 22000 ŠIBENIK; R. HRVATSKA

1. Karakteristike: / *Description:*
1.1 Namjena brodice: / *Boat purpose:* JAVNE NAMJENE
1.2 Tip brodice / vrsta trupa: / *Type of craft / type of hull:* "SHADOW PATROL 47" jednotrupno kruto plovilo s gumiranim platnom / RIB
1.3 Projektna kategorija: / *Design category:* ☐ A ☒ B ☐ C ☐ D
1.4 Dimenzije: / *Dimensions:*
Duljina trupa (L): 13,72 m / *Length of hull (L):* — Širina trupa (B): 4,22 m / *Beam of hull (B):* — Visina (D): 1,74 m / *Height (D):* — Nadvođe (f): 0,980 m / *Freeboard (f):*
1.5 Materijal: / *Material:* stakloplastika / gumirano platno
2. Nosivost: / *Capacity:*
2.1 Najveći dopušteni broj osoba: / *Capacity / Number of persons:* 12
2.2 Najveći dopušteni neto ili gubući teret: / *Capacity / Permissible load on deck:* 2800
3. Pogonski stroj (snaga, kW / ps): / *Propulsion engine (power, kW / ps):* unutarnji dizel motor s 2- CATERPILLAR C7.1/ snage 2 x 373,0 kW; ser.br: JR201177 i JR201179
4. Identifikacijski broj plovila: / *Craft identification number:* HR-SNP47015225

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