



# MURENE

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ALSEAMAR

## DIVER PROPULSION VEHICLE

Special Operation Warfare

To carry 2 combat divers

Hydrodynamic shape & protection

High accuracy navigation system

**innovation & services** at **sea**



A large, sleek, black underwater vehicle, the Murene DPV, is shown in a deep blue ocean. Two divers in full combat gear are inside the vehicle. The vehicle has a hydrodynamic shape with a large circular porthole at the front. The background is filled with many small fish swimming in the water.

## FOR COMBAT DIVERS & FROGMEN

The Murene is the latest generation of diverpropulsion device able to transport 2 fully equipped combat divers. Designed to provide the best ergonomics, protection, and operational capabilities, it can be deployed from shore, RHIB or through a torpedo tube (NATO std.). Fitted with a cutting edge inertial navigation system coupled to a doppler velocity log and a GPS, the DPV offers unmatched navigation accuracy. Its small dimension, its greater ease of use, and intuitive piloting, make it a perfect device to sneak up on maritime targets. Designed on the basis of a strong cooperation with combat divers, it is fully built and patented by ALSEAMAR.

### MURENE ADVANTAGES

- Ensure to tow 2 combat divers fully equipped
- Hydrodynamic shape & protection
- Comfortable posture for the divers
- Simple and user-friendly piloting
- High accuracy navigation system
- Extended operating range
- Good payload capacity
- Interoperability with Submarine

### NAVIGATION EQUIPMENT

- User-friendly machine man interface
- Switchable pilot-modes (manual / semi-autonomous)
- Inertial Navigation System coupled with DVL
- Obstacle detector or forward Looking Multi-Beam Sonar
- Mission planning system
- Analogic navigations systems (compass / depth gauge / dive watch)



MAIN SPECIFICATIONS

Length	1.56 m stowed / 2.20 m deployed
Width	0.53 m stowed / 1.20 m deployed
Height	0.53 m stowed / 0.60 m deployed
Weight in Air	138 kg
Speed	Cruise 2 Knots / Max 4 Knots
Range	12 NM at 2 Knots
Maximum Operating Depth	Up to 50 m
Piloting mode	Manual or semi-autonomous
Payload	50 liters (in neutral water)

Several configurations can be designed in option depending on users’ requirements.

TRAINING

ALSEAMAR offers piloting training for combat divers and instruction to technicians for its maintenance.



ALSEAMAR’s activities are centered on defense, oil & gas and marine science markets. We address the latters through three departments: materials, products and services.



ALSEAMAR’s vocation is to design and manufacture complex naval systems and deliver innovative services thanks to cutting-edge technologies.

ALCEN

6 rue Paul Baudry  
75008 Paris – France  
Tel. + 33 (0)1 40 72 55 00  
alcen@alcen.com  
www.alcen.com



ALSEAMAR

60 Avenue Olivier Perroy  
13790 Rousset – France  
Tel. +33 (0)4 42 61 64 80  
alseamar13@alseamar-alcen.com  
www.alseamar-alcen.com