



## **EXOCET SM39**

### **Submarine launched anti-ship missile**

EXOCET SM39 is the submarine launched version of the EXOCET family. It features all weather capability, sea skimming flight, solid propellant and a high kill warhead.

The missile has a range of 50 km, which enables the submarine to go into action while remaining out of range of the detection equipment and, even more importantly, the weapons of its surface enemies.

When launched, the EXOCET SM39 imposes few constraints on the submarine depth, course and speed. The submarine selects the best course to determine the target information, according to the underwater temperature conditions.

Target position at the time of firing is downloaded into the missile before launch.

Housed in a water-tight, highly resistant, powered and guided underwater vehicle, the aerial missile is ejected as soon as it breaks the surface, to ensure a very low culmination altitude. It then rapidly homes onto the target at sea skimming level: it uses an inertial navigation system followed by terminal automatic guidance from an active radio frequency homing head.

As soon as a missile has been launched, the submarine is free to manoeuvre or to launch a second missile onto the same target or a different one.

A single concept and technically similar sub-assemblies allow easy simultaneous maintenance work on all versions of EXOCET missiles.

- **Wide launch envelope**
- **Submarine launched at operational depths**
- **Discreet launch**
- **In service with the French Navy and several foreign navies**



### Deployment

- Launched in torpedo tubes from submarines

### Programme status

- In mass production
- In service with several navies including the French Navy

### NAME

- EXOCET SM39

### MISSILE CHARACTERISTICS

- Weight: 655 kg
- Length: 4.69 m
- Diameter: 0.35 m



### MBDA Contacts

Sales and Business Development  
1 avenue Réaumur  
92358 Le Plessis-Robinson cedex - France  
Tel. + (0) 33 1 71542149  
Fax + (0) 33 1 71540080  
salesenquiries@mbda.net

[www.mbda-systems.com](http://www.mbda-systems.com)