



EXOCET SM39

SUBMARINE LAUNCHED ANTI-SHIP MISSILE



EXOCET SM39 is the submarine-launched variant within the EXOCET family providing an outstanding ASuW capability.

- 50km class operational range against all classes of warship
- Unrivalled launch envelope (regarding submarine speed and depth)
- Full freedom of manoeuvre for the submarine after firing
- Short time on target
- Quick reaction time
- J-band active seeker with improved detection and ECCM in all weather conditions
- Outstanding penetration capability against enemy air defences

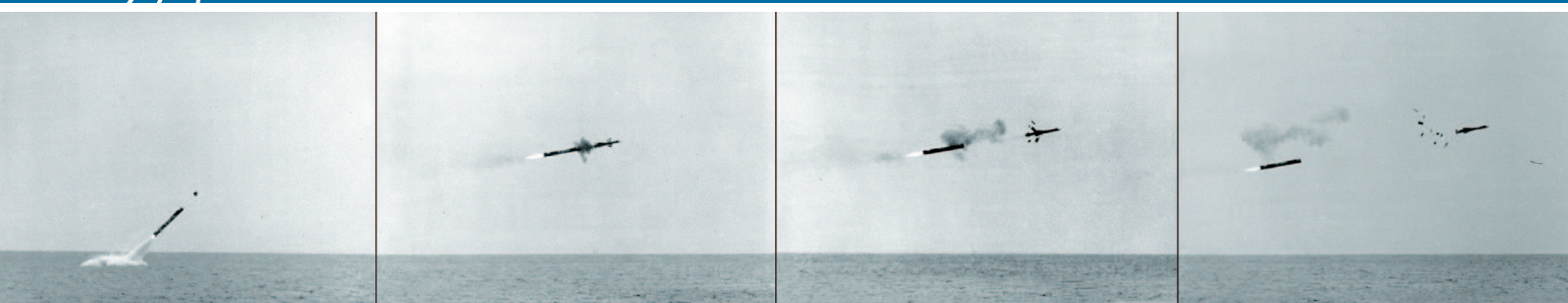
The missile features an active RF seeker, an absolute must for all-weather operations and a high hit probability against moving targets.

EXOCET SM39 is housed in a water-tight, highly resistant, propelled and guided underwater vehicle (VSM) which is launched from the submarine's standard 21 inch torpedo tube. Thanks to the VSM, the launch submarine's position remains hidden from the enemy. After the low culmination altitude phase, the missile rapidly homes onto the target at sea-skimming level.

EXOCET SM39 is in service with the French Navy and several other navies around the world.

Features

- Can be launched from extreme depths
- Fire-and-forget
- Capable of striking at stand-off ranges in all environments (brown and blue waters) with a high probability of intercept
- Provides the operator with a high degree of tactical flexibility
- Ensures a high-penetration against the most strongly defended surface targets
- Unrivalled launch envelope (regarding submarine speed and depth)
- Launched from the submarine's standard 21 inch torpedo tube
- Commonality with the ITR multi missiles firing installation



Missile characteristics

Submarine vehicle (VSM)

- Water-tight, highly resistant, propelled and guided underwater vehicle (VSM)

Propulsion

- Encapsulated missile with two-stage solid propellant motor

Navigation

- Inertial navigation

Terminal guidance during cruise phase

- Active RF homing

Warhead

- Insensitive warhead
- Optimised HE blast and pre-fragmented effects
- Impact fuze and proximity function

Technical characteristics/specifications

Weight:	655kg
Length:	4.69m
Diameter:	350mm
Speed:	High subsonic
Range:	> 50 km

