



# EXOCET MOBILE COASTAL DEFENCE SYSTEM

## NEW GENERATION LONG RANGE ANTI-SHIP MISSILE SYSTEM

**The EXOCET MOBILE COASTAL DEFENCE SYSTEM provides rapidly relocatable, vehicle mounted capabilities to deny access to surface threats in all environments (brown and blue waters).**

The system is based on the latest version of the EXOCET MM40 BLOCK 3 missile in operational service with several navies around the world. This missile provides enhanced operational performance utilising advanced technologies.

EXOCET MM40 BLOCK 3's mission planning automatically computes the required engagement plans to support firing decisions.

- 200km class effective operational range
- ASuW
- Outstanding penetration capability against enemy air defences

The EXOCET MOBILE COASTAL DEFENCE SYSTEM can comprise its own sensors (radar, EOS, AIS) for autonomous operations and/or can be connected to a wider C3I system. The basic system architecture comprises:

- 1x Mobile Sensors Unit
- 1x Mobile Control Unit
- Up to 3x Mobile Firing Units each with four missiles

EXOCET MM40 BLOCK 3 is further enhanced by the accuracy of its new navigation package which allows for optimised 3D approach trajectories and terminal attacks from different azimuths at a very low sea-skimming altitude with simultaneous time on target for multiple missile engagements.

### Operational advantages

- Provides a multi-target, multi-missile capability
- Can be rapidly brought into operation
- Deployable on several types of terrain
- Scalable to existing customer C2 and communication networks
- Architecture flexibility allows the system to deal with a wide range of operational situations

Terminal guidance relies on a sophisticated J-band active RF seeker to discriminate and select targets at sea and on GPS accuracy for littoral targets.

For navies already operating EXOCET MM40 BLOCK 3, existing logistic assets can be used for the EXOCET MOBILE COASTAL DEFENCE SYSTEM.



### Airframe

- Optimised for high G manoeuvres, reduced IR signature and low RCS

### Propulsion

- A single jettisoned rocket booster at launch and a new turbojet engine, giving operational flexibility to cope with long range engagements

### Navigation

- 3D way-points navigation based on a hybrid INS/GPS package and a radar altimeter
- Self-adapted sea-skimming

### Terminal guidance

- Advanced J-band active RF seeker with adaptive search patterns allowing autonomous acquisition of moving targets in complex scenarios even at long range
- GPS targeting on coastal targets

### Warhead

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

### Technical characteristics/specifications

**Weight:** 780kg  
**Length:** < 6m  
**Diameter:** 350mm  
**Speed:** High subsonic

