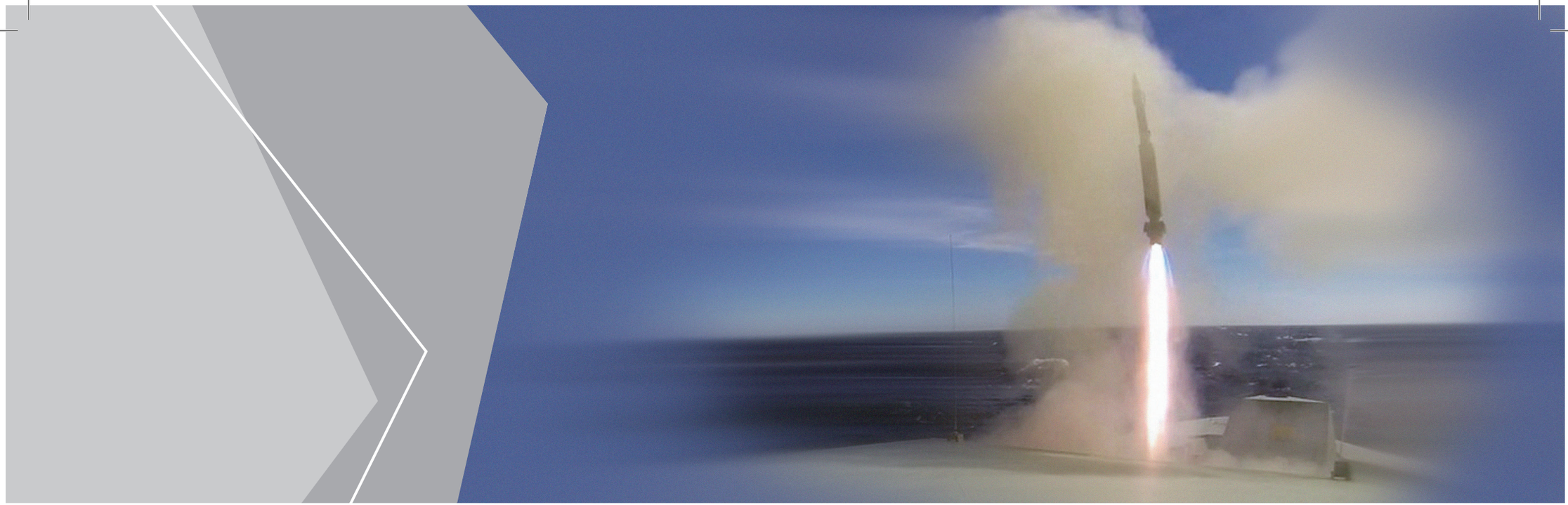

VL MICA

VERTICAL LAUNCH POINT AND CLOSE AREA AIR DEFENCE SYSTEM

The VL MICA is a weapon system with an unmatched self-defence and local area defence capability for a wide range of surface combatant vessels

VL MICA is available with two state-of-the-art seekers (IR or RF). It can counter the most severe IRCM-ECM scenarios with a very high kill probability.

VL MICA offers a real multiple target capability (autonomous guidance, extremely short reaction time) and all target capability (aircraft, missiles, PGMs, smart bombs and helicopters) with low training costs and reduced manpower requirements.

VL MICA is integrated to the ship combat system, which provides target designation data from existing air defence sensors. No dedicated fire control system is needed (neither illuminator nor radar tracker).

The missile is launched from an individual storage container (no additional VLS), providing 360° engagement coverage and maintaining ship stealth and stability. The system compactness and modularity enable installation on a wide range of warships for new built or refit.

The VL MICA has already been procured by several navies all over the world.

- **All weather, modular and compact system**
- **Autonomous guidance**
- **Multi-target, high rate of fire**
- **Based on the extensively proven MICA missile**
- **Outstanding defence capability against saturating anti-ship attacks**

MBDA
MISSILE SYSTEMS

SEA

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No dedicated fire control system

- Use of on board air surveillance radars
- No dedicated console (fully integrated to combat system)
- No dedicated tracking radars

Missile Guidance

- Mid-course inertial guidance with in flight target data update (Up-link)
- In flight homing head lock-on followed by homing guidance
- Active RF monopulse Doppler seeker or passive imaging IR seeker

Payload

- RF proximity fuze
- Impact fuze
- High explosive warhead

Aerodynamics

- Long chord wings
- Tail control surfaces
- Thrust Vector Control (TVC)

Launching and Installation

MICA missile + container = VL MICA ammunition

The VL MICA container is used for storage, transportation and missile firing and has its own integral ducts for efflux management

Modular installation up to 16 VL MICA onboard

Name

- **VERTICAL LAUNCH MICA**
  VL MICA

Missile characteristics

- **Weight: 112 kg**
- **Length: 3.1 m**
- **Diameter: 160 mm**

Ammunition characteristics (container with missile)

- **Weight: 480 kg**
- **Length: < 4 m**